4/17/87 S6270-1

Ohio Labor Market Information

Labor Market Review

February 1987

Summary. According to the latest household survey, the seasonally adjusted unemployment rate in Ohio rose .3 percent from January, to 8.6 percent in February. The national rate remained unchanged at 6.7 percent. Total Ohio employment declined 2,000, to 4,848,000. There were 455,000 jobless Ohioans in February, up 18,000 from January. Ohio's nonagricultural wage and salary employment (seasonally adjusted) increased 11,000 over the month, to 4,567,000 in February, according to the most recent employer survey. Improvements continue to be predominantly in the nonmanufacturing sector. (See page 3.)

Factory Employment. Seasonally adjusted manufacturing employment in Ohio totaled 1,109,000 in February, up 3,000 from January. The gain occurred among durable-goods industries, partly the result of settlement of labor-management disputes in primary metals. Nondurable-goods employment was unchanged.

Nonmanufacturing. Ohio's nonmanufacturing employment rose 9,000 from January, to 3,458,000 in February. Retail trade and services were up 3,000 each, while transportation and public utilities and finance, insurance, and real estate had slight gains. Other industry divisions registered no changes in employment.

Over the Year. The civilian labor force in Ohio declined 22,000 from February 1986 to 5,303,000 in February 1987. Total employment fell 21,000, while total unemployment was down 1,000. The unemployment rate was unchanged at 8.6 percent. The U.S. rate dropped from 7.2 percent to 6.7 percent over the year. Nonagricultural wage and salary employment was up 127,000 from February 1986. Expansion in services and retail trade accounted for nearly three-fourths of the overall gain. Construction, finance, insurance, and real estate, and government all had noteworthy increases. Industry divisions showing declines from last February were manufacturing (-13,000) and mining (-3,000).

Factory Hours and Earnings. Factory production workers in Ohio earned an average of $499.90 per week in February, down $2.68 from January. Their average workweek, at 42.4 hours, was down .3 hours. Many industries had lower earnings in February. The most significant were motor vehicles and equipment, miscellaneous plastics products, metal forgings and stampings, and electric lighting and wiring equipment. Higher earnings were reported in aircraft and parts, blast furnace and basic steel products, newspapers, commercial printing, and nonferrous rolling and drawing mills.

Benefits and Costs. Initial claims filed under the Ohio Unemployment Compensation Law numbered 60,049 in February, down 42.9 percent from January, and down 5.9 percent from February 1986. The average weekly benefit check increased $.34, to $151.53. Total benefits paid, at $76.2 million, were down 4.7 percent from last month. The average weekly number of benefit recipients rose 10.8 percent, to 128,508. At the end of the month, there were 194,258 active employer accounts.

Ohio Bureau of Employment Services
Richard F. Celeste, Governor Dr. Roberta Steinbacher, Administrator

Employment Service. The Ohio Bureau of Employment Services assisted 42,617 new job applicants in February, down 12.1 percent from January. Total job openings received from employers dropped 6.3 percent, to 8,456. The Employment Services Division made 20,128 referrals to jobs with 4,529 placements.

Hire Persons with Disabilities

People at Work is what the American dream is all about and people with disabilities are a part of this dream. But some are excluded. Many people ignore the ABILITY and just see the DISABILITY.

It's difficult to reach your dream without a job. Various studies show that approximately two-thirds of all disabled workers between 16 and 64 years old are not working — do what you can to promote employment and to employ qualified workers with disabilities.

Call your local Job Service Office for referral of qualified disabled job applicants.

In This Issue

	Page
Summary	1-2
Seasonally Adjusted Series	
Current Data	3
Historical Data	4
Graphs	5
Seasonally Unadjusted Series	
Historical Data	6-9
Current Data	10-13
Metropolitan Area Statistics	14-45
Technical Notes	46
Employment Security Activities	47
Unemployment Insurance Activities	47

Seasonally Adjusted Civilian Labor Force & Nonagricultural Wage & Salary Employment Estimates for Ohio[a]

	Estimates (in thousands)			Change[b] (in thousands)		Percent Change[c]	
	Feb. 1987	Jan. 1987	Feb. 1986	From Last Month	From Last Year	From Last Month	From Last Year
Household Survey Data[d]							
Civilian Labor Force	5,303	5,287	5,325	16	-22	0.3	-0.4
Employment	4,848	4,850	4,869	-2	-21	0.0	-0.4
Unemployment	455	437	456	18	-1	4.1	-0.2
Unemployment Rate	8.6	8.3	8.6				
Employer Survey Data[e]							
Total	4,567	4,556	4,440	11	127	0.3	2.9
Manufacturing	1,109	1,106	1,122	3	-13	0.3	-1.2
Durable Goods	751	748	764	3	-13	0.4	-1.8
Nondurable Goods	358	358	357	0	1	-0.1	0.2
Nonmanufacturing	3,458	3,450	3,319	9	140	0.3	4.2
Mining	22	22	25	0	-3	-0.2	-13.0
Construction	171	171	158	0	13	0.2	8.5
Transportation and Public Utilities	211	210	202	1	9	0.5	4.4
Wholesale Trade	249	249	245	0	4	-0.1	1.7
Retail Trade	843	840	809	3	33	0.4	4.1
Finance, Insurance, and Real Estate	240	239	227	1	13	0.4	5.9
Services	1,035	1,032	977	3	58	0.3	5.9
Government	687	687	676	0	12	0.0	1.7
Goods Producing Industries[f]	1,302	1,298	1,304	3	-3	0.2	-0.2
Service Producing Industries[g]	3,266	3,257	3,136	8	129	0.3	4.1

[a]Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel. [b]Changes are computed from unrounded numbers. [c]Percentages are computed from unrounded numbers. [d]From the Current Population Survey, a monthly federal survey of approximately 2,500 Ohio households. Estimates represent counts of persons by place of residence provided by the U.S. Bureau of Labor Statistics. [e]From the Current Employment Statistics Survey, a monthly survey of over 10,000 employers conducted by OBES in cooperation with the U.S. Bureau of Labor Statistics. Estimates represent nonagricultural wage and salary jobs by place of work. Seasonal adjustment factors for the nonagricultural wage and salary figures are published in the January Review. [f]Includes Mining, Construction, and Manufacturing. [g]Includes Transportation and Public Utilities, Wholesale Trade, Retail Trade, Finance, Insurance and Real Estate, Services, and Government.

Seasonally Adjusted Estimates[a]

Ohio Civilian Labor Force Estimates

(in thousands)

Civilian Labor Force			Unemployment Rate			
Total	Employed	Unemployed	Ohio	US		
					1985	
5,109	4,661	448	8.8	7.3	February	4,326
5,132	4,657	475	9.3	7.2	March	4,345
5,133	4,670	463	9.0	7.3	April	4,359
5,084	4,664	420	8.3	7.2	May	4,379
5,078	4,645	433	8.5	7.3	June	4,368
5,150	4,647	503	9.8	7.3	July	4,374
5,132	4,675	457	8.9	7.1	August	4,380
5,167	4,701	466	9.0	7.1	September	4,385
5,172	4,707	465	9.0	7.1	October	4,398
5,192	4,727	465	9.0	7.0	November	4,410
5,185	4,754	431	8.3	7.0	December	4,422
					1986	
5,218	4,759	459	8.8	6.8	January	4,438
5,325	4,869	456	8.6	7.2	February	4,440
5,297	4,896	401	7.6	7.2	March	4,440
5,248	4,823	425	8.1	7.1	April	4,459
5,214	4,784	430	8.2	7.2	May	4,464
5,204	4,752	452	8.7	7.1	June	4,466
5,204	4,777	427	8.2	7.0	July	4,472
5,185	4,763	422	8.1	6.8	August	4,484
5,163	4,734	429	8.3	7.0	September	4,488
5,214	4,810	404	7.7	6.9	October	4,497
5,264	4,875	389	7.4	6.9	November	4,517
5,276	4,861	415	7.9	6.7	December	4,532
					1987	
5,287	4,850	437	8.3	6.7	January	4,556
5,303	4,848	455	8.6	6.7	February	4,567

Ohio Nonagricultural Wage & Salary Employment

(in thousands)

Total Nonagricultural			
	Manufacturing		
		Durable	Nondurable
4,326	1,133	778	355
4,345	1,130	775	355
4,359	1,127	772	355
4,379	1,128	773	355
4,368	1,124	770	354
4,374	1,122	767	355
4,380	1,119	763	356
4,385	1,114	759	355
4,398	1,117	762	355
4,410	1,120	765	355
4,422	1,123	768	355
4,438	1,124	767	357
4,440	1,122	766	356
4,440	1,117	760	356
4,459	1,117	761	356
4,464	1,112	756	356
4,466	1,111	755	356
4,472	1,103	749	354
4,484	1,103	748	355
4,488	1,100	744	356
4,497	1,094	739	355
4,517	1,103	747	356
4,532	1,106	750	356
4,556	1,106	748	358
4,567	1,109	751	358

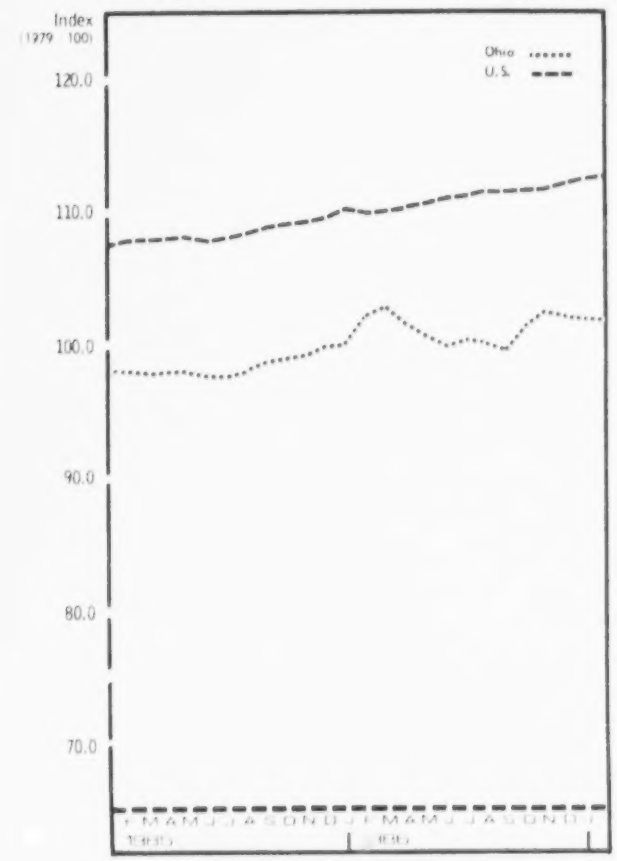
Ohio Nonmanufacturing Wage & Salary Employment

(in thousands)

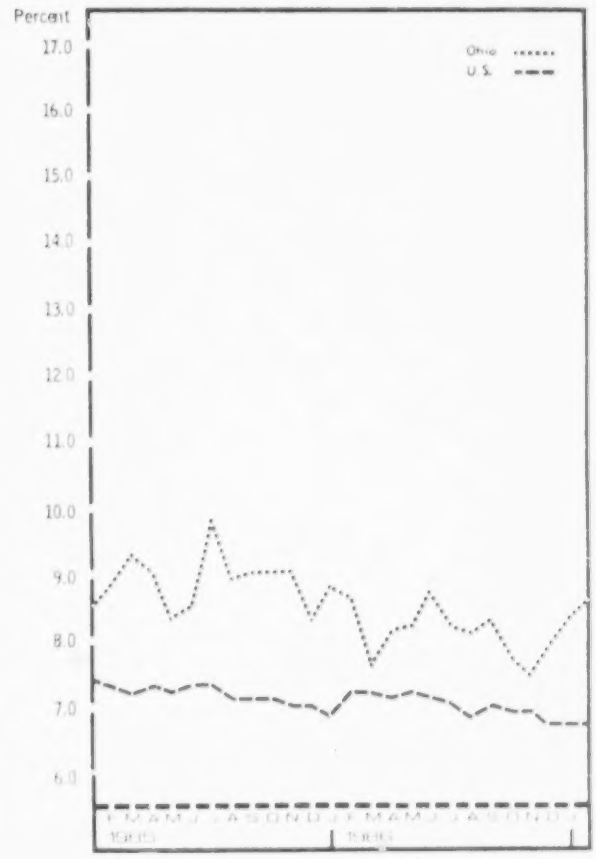
Total Nonmanufacturing	Mining	Construction	Transportation & Public Utilities	Wholesale Trade		Retail Trade	Finance, Insurance & Real Estate	Services	Government
					1985				
3,193	27	148	203	243	February	769	216	930	656
3,215	27	152	203	244	March	776	216	935	662
3,232	27	154	203	244	April	782	217	942	664
3,250	27	155	203	245	May	788	218	949	664
3,244	26	154	203	244	June	789	218	948	662
3,252	26	154	202	243	July	790	219	952	665
3,261	25	154	202	243	August	793	220	956	668
3,272	25	155	202	244	September	794	222	959	671
3,280	25	156	202	244	October	798	223	962	670
3,290	25	155	203	244	November	801	224	965	672
3,300	25	158	203	244	December	802	225	969	673
					1986				
3,314	25	158	203	245	January	806	226	974	677
3,319	25	158	202	245	February	809	227	977	676
3,323	24	156	203	244	March	811	227	981	679
3,342	23	161	203	245	April	813	229	988	679
3,352	23	161	203	245	May	816	231	994	679
3,355	22	160	202	245	June	818	231	996	680
3,369	22	160	206	245	July	820	233	1002	680
3,381	22	161	207	246	August	824	234	1005	682
3,388	22	162	208	247	September	826	234	1008	682
3,402	22	162	209	247	October	831	236	1013	682
3,414	22	164	210	247	November	833	236	1020	682
3,426	22	165	210	249	December	836	237	1026	682
					1987				
3,450	22	171	210	249	January	840	239	1032	687
3,458	22	171	211	249	February	843	240	1035	687

[a]Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel. Annual average data for each series are published on page 6. Seasonal adjustment factors for the nonagricultural wage and salary figures are published in the January Review.

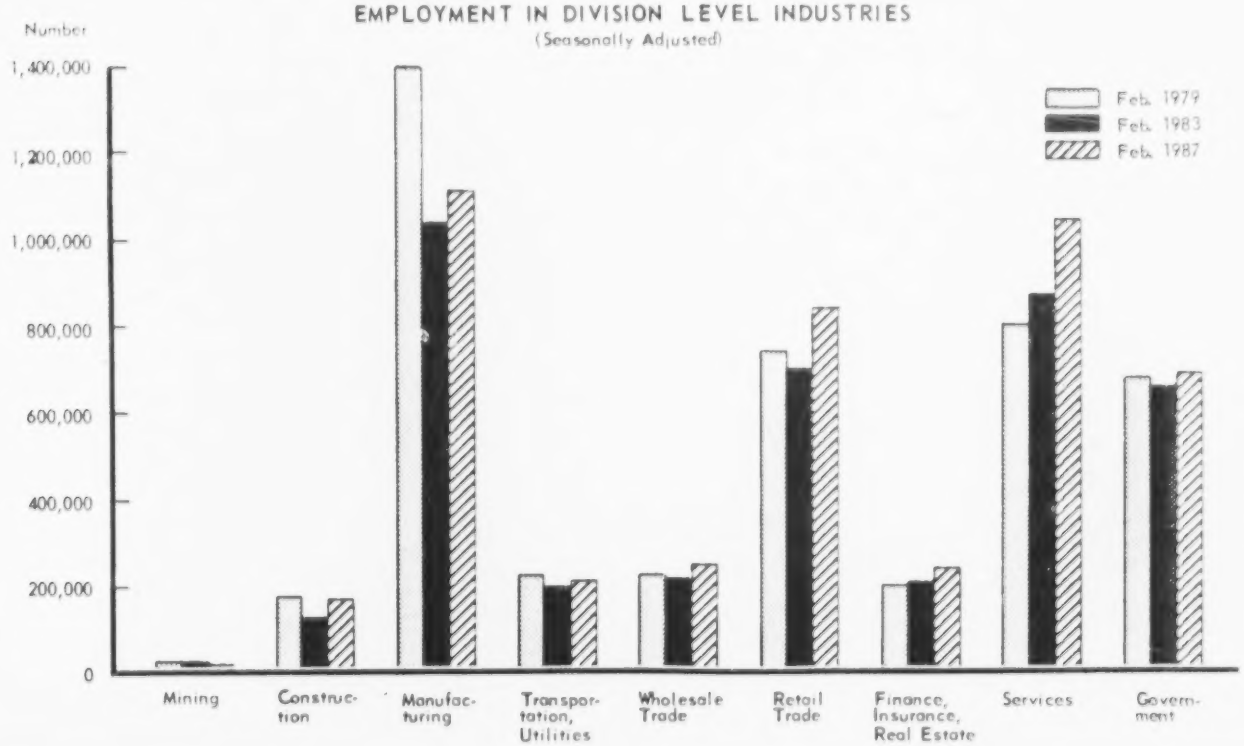
INDEXES OF TOTAL EMPLOYMENT
OHIO AND U.S.
(Seasonally Adjusted)



UNEMPLOYMENT RATES
OHIO AND U.S.
(Seasonally Adjusted)



EMPLOYMENT IN DIVISION LEVEL INDUSTRIES
(Seasonally Adjusted)



Nonseasonally Adjusted Estimates[a]

Ohio Civilian Labor Force Estimates

(in thousands)

Civilian Labor Force			Unemployment Rate		
Total	Employed	Unemployed	Ohio	US	
4,751	4,380	370	7.8	7.7	1976
4,833	4,520	312	6.5	7.1	1977
4,959	4,690	268	5.4	6.1	1978
5,059	4,760	299	5.9	5.8	1979
5,089	4,663	426	8.4	7.1	1980
5,100	4,608	492	9.6	7.6	1981
5,114	4,474	640	12.5	9.7	1982
5,099	4,478	621	12.2	9.6	1983
5,089	4,609	480	9.4	7.5	1984
5,139	4,684	456	8.9	7.2	1985
5,234	4,809	426	8.1	7.0	1986
					1986
5,220	4,747	473	9.1	7.8	February
5,233	4,819	415	7.9	7.5	March
5,225	4,811	414	7.9	7.0	April
5,187	4,798	389	7.5	7.0	May
5,267	4,809	458	8.7	7.3	June
5,295	4,882	413	7.8	7.0	July
5,261	4,838	423	8.0	6.7	August
5,189	4,755	434	8.4	6.8	September
5,263	4,855	408	7.8	6.6	October
5,282	4,894	388	7.3	6.5	November
5,259	4,841	418	7.9	6.3	December
					1987
5,196	4,744	452	8.7	7.1	January
5,205	4,732	473	9.1	7.2	February

Ohio Nonagricultural Wage & Salary Employment

(in thousands)

Total Nonagricultural			
	Manufacturing		
		Durable	Nondurable
4,094.6	1,290.7	910.8	384.8
4,235.1	1,344.1	945.2	398.9
4,384.9	1,372.2	974.5	402.7
4,484.8	1,382.7	980.5	402.8
4,367.4	1,264.3	882.6	381.8
4,317.7	1,232.8	861.4	372.1
4,124.3	1,099.9	752.4	347.5
4,092.5	1,066.0	723.4	342.4
4,260.2	1,127.0	773.4	353.6
4,372.9	1,174.0	798.7	375.3
4,476.2	1,209.3	813.2	396.1
			1986
4,348.7	1,189.8	788.7	401.1
4,374.0	1,211.0	792.2	418.8
4,446.7	1,218.1	780.1	438.0
4,491.8	1,211.2	787.2	424.1
4,510.9	1,218.3	780.1	438.2
4,478.3	1,205.8	780.8	425.0
4,486.4	1,207.4	748.4	459.0
4,531.8	1,209.4	748.0	461.4
4,548.2	1,208.4	742.5	466.0
4,563.9	1,205.8	749.1	456.7
4,569.4	1,206.3	749.8	456.7
			1987
4,486.2	1,195.7	741.2	454.6
4,470.1	1,197.1	743.4	453.8

Ohio Nonmanufacturing Wage & Salary Employment

(in thousands)

Total Nonmanufacturing	Mining	Construction	Transportation & Public Utilities	Wholesale Trade		Retail Trade	Finance, Insurance & Real Estate	Services	Government
2,799.7	28.2	154.2	213.7	208.4	1976	682.4	177.0	701.2	632.2
2,886.0	29.1	162.8	219.1	214.6	1977	703.2	181.4	731.4	642.3
3,017.7	29.0	176.6	225.0	226.0	1978	730.4	191.1	772.3	667.8
3,102.8	31.8	182.9	232.1	232.8	1979	742.4	200.8	808.2	674.0
3,103.0	30.7	167.4	223.1	230.6	1980	726.0	203.8	830.9	689.3
3,061.1	30.7	153.7	217.2	232.5	1981	717.7	205.8	851.6	676.0
3,024.4	30.3	134.8	206.8	226.0	1982	703.4	206.4	857.7	659.8
3,026.5	25.5	130.8	198.5	222.5	1983	711.0	207.8	873.3	656.1
3,133.1	27.8	144.8	203.9	238.7	1984	748.0	211.5	905.2	655.2
3,249.8	26.1	154.0	202.7	243.7	1985	787.9	219.3	949.5	665.1
3,366.0	22.7	160.8	205.5	246.0	1986	820.5	231.8	998.8	679.8
					1986				
3,238.8	23.8	128.7	197.5	241.8	February	778.7	224.2	956.8	687.3
3,264.5	23.1	133.9	198.8	242.3	March	784.8	225.3	965.7	690.5
3,332.6	22.6	151.3	201.9	244.2	April	803.5	228.1	980.8	690.1
3,379.5	22.5	162.0	203.2	245.6	May	817.2	230.6	1,003.4	694.9
3,392.8	22.5	168.1	203.7	247.0	June	825.3	233.5	1,012.8	679.8
3,372.5	22.6	175.3	208.1	247.1	July	825.9	236.1	1,013.8	643.6
3,381.0	22.3	179.1	209.9	247.9	August	832.0	236.4	1,015.5	637.9
3,422.4	22.1	180.0	210.8	247.8	September	834.9	235.4	1,021.7	670.0
3,447.7	22.0	180.3	211.4	248.2	October	839.5	235.4	1,019.1	691.8
3,458.0	22.1	174.2	211.2	248.9	November	850.9	236.0	1,018.7	696.1
3,463.1	21.8	163.1	211.5	249.1	December	865.1	237.1	1,017.4	698.0
					1987				
3,370.4	21.2	144.7	205.1	246.7	January	821.3	236.6	1,006.1	686.8
3,373.0	20.8	139.5	206.0	246.0	February	810.8	237.4	1,013.5	698.0

[a]Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages are computed from unrounded figures. All data exclude military personnel.

Employment, Hours & Earnings in Manufacturing in Ohio

Manufacturing Employment

In Thousands

	Manufacturing		
	Durable Goods	Nondurable Goods	
1,297.1	741.3	555.8	1976
1,344.1	781.1	563.0	1977
1,377.6	806.7	570.9	1978
1,381.1	811.1	570.0	1979
1,354.3	780.2	574.1	1980
1,313.3	750.4	562.9	1981
1,289.2	732.7	556.5	1982
1,309.0	754.4	554.6	1983
1,377.5	819.8	557.7	1984
1,414.6	858.3	556.3	1985
1,414.4	858.3	556.1	1986
1,405.7	849.7	556.1	1987
			1986
1,405.9	852.3	553.6	January
1,411.4	857.2	554.2	February
1,414.4	860.1	554.3	March
1,411.3	856.7	554.6	April
1,415.3	860.1	555.2	May
1,418.4	863.6	554.8	June
1,420.4	865.4	555.0	July
1,418.4	863.4	555.0	August
1,418.4	863.4	555.0	September
1,416.4	861.4	555.0	October
1,415.8	860.8	555.0	November
1,416.3	860.8	555.5	December
			1987
1,405.7	849.7	556.0	January
1,407.1	851.6	555.5	February

Production Workers in Manufacturing

Production Workers	Aggregate Weekly Payrolls	Aggregate Weekly Hours	
In Thousands			
1,006.1	$37,131.3	34,...	1976
1,...	...	...	1977
1,...	...	...	1978
1,...	...	...	1979
1,...	...	...	1980
1,...	...	...	1981
1,...	...	...	1982
1,...	...	...	1983
1,...	...	...	1984
1,...	...	...	1985
1,...	...	...	1986
1,...	...	...	1987
			1986
1,...	...	...	January
1,...	...	...	February
1,...	...	...	March
1,...	...	...	April
1,...	...	...	May
1,...	...	...	June
1,...	...	...	July
1,...	...	...	August
1,...	...	...	September
1,...	...	...	October
1,...	...	...	November
1,...	...	...	December
			1987
1,...	...	...	January
1,...	...	...	February

Production Workers Average Weekly Earnings

	Manufacturing		
	Durable Goods	Nondurable Goods	
$260.54	$268.75	$235.00	1976
283.08	292.02	258.34	1977
308.91	316.83	279.30	1978
325.36	335.30	297.78	1979
347.94	358.57	319.99	1980
369.78	401.54	338.15	1981
403.81	414.80	378.05	1982
437.18	452.35	402.52	1983
461.61	482.38	417.84	1984
477.96	499.56	425.80	1985
486.69	507.95	430.71	1986
			1986
488.69	512.90	432.41	February
486.25	512.48	433.46	March
481.54	504.71	426.59	April
480.28	499.80	434.89	May
481.85	500.99	439.71	June
475.89	491.00	436.19	July
481.43	500.89	439.30	August
487.30	507.03	443.72	September
483.53	502.25	444.52	October
487.14	517.80	449.40	November
508.15	531.14	454.92	December
			1987
502.58	524.86	448.53	January
499.90	521.73	447.53	February

Production Workers Average Weekly Hours

	Manufacturing		
	Durable Goods	Nondurable Goods	
41....	41....	41....	1976
42....	42....	41....	1977
42....	42....	41....	1978
41....	41....	41....	1979
41....	41....	41....	1980
40....	40....	41....	1981
41....	40....	41....	1982
41....	41....	41....	1983
41....	41....	41....	1984
41....	41....	41....	1985
41....	41....	41....	1986
			1986
42....	42....	41....	February
42....	42....	41....	March
41....	42....	41....	April
41....	42....	41....	May
41....	42....	41....	June
41....	41....	41....	July
41....	42....	41....	August
42....	42....	41....	September
41....	42....	41....	October
42....	42....	42....	November
43....	43....	42....	December
			1987
42....	43....	41....	January
42....	42....	41....	February

Production Workers Average Hourly Earnings

	Manufacturing		
	Durable Goods	Nondurable Goods	
$6....	$6....	$5....	1976
6....	...	...	1977
...	...	...	1978
...	...	...	1979
...	...	...	1980
...	...	...	1981
...	...	...	1982
10....	...	...	1983
10....	...	...	1984
11....	11....	10....	1985
11....	11....	10....	1986
			1986
11....	11....	10....	February
11....	11....	10....	March
11....	11....	10....	April
11....	11....	10....	May
11....	11....	10....	June
11....	11....	10....	July
11....	11....	10....	August
11....	11....	10....	September
11....	11....	10....	October
11....	11....	10....	November
11....	11....	10....	December
			1987
11....	11....	10....	January
11....	11....	10....	February

*Estimated in cooperation with the U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Employment & Average Weekly Earnings in Selected Major Manufacturing Industries in Ohio*

Employment

(in thousands)

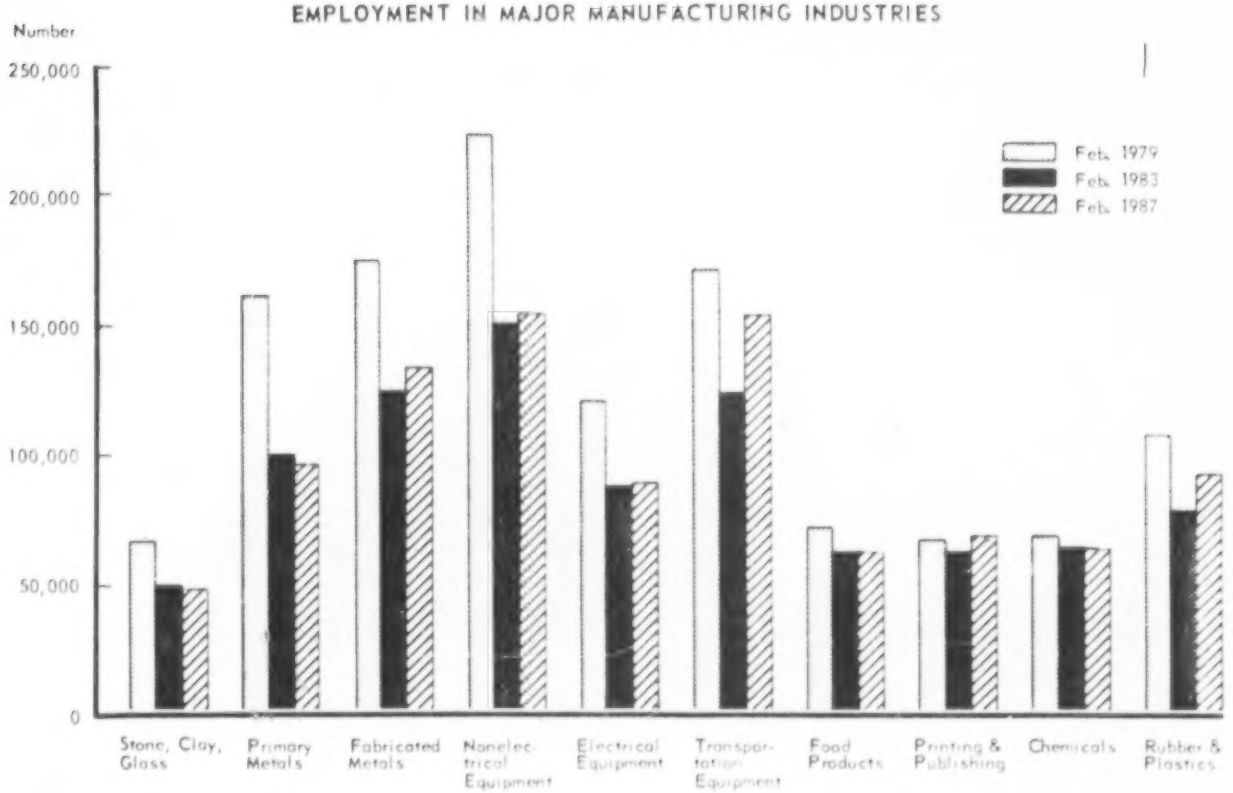
Stone, Clay & Glass Products	Primary Metal Industries	Fabricated Metal Products		Machinery Except Electrical	Electric & Electronic Equipment	Transportation Equipment		Food & Kindred Products	Printing & Publishing	Rubber & Plastics Products
66.3	154.5	157.9	1976	205.9	115.5	143.0	1976	73.8	69.5	98.2
67.1	157.7	166.5	1977	212.7	120.9	151.8	1977	74.4	69.4	102.4
69.3	157.5	173.1	1978	216.7	122.2	164.1	1978	74.6	69.6	105.4
69.7	155.9	176.5	1979	221.6	117.8	165.8	1979	74.4	69.6	106.7
64.6	139.8	167.6	1980	211.4	106.4	139.4	1980	72.7	67.4	92.7
61.7	138.3	154.9	1981	204.2	101.9	136.9	1981	69.2	66.1	89.0
54.2	112.7	134.9	1982	176.7	93.4	121.7	1982	66.9	61.2	80.6
52.1	104.1	129.7	1983	154.3	89.4	132.1	1983	63.4	62.8	82.7
52.5	106.9	138.7	1984	167.3	93.1	144.9	1984	62.8	65.1	90.9
50.5	101.8	139.9	1985	166.1	90.7	151.2	1985	62.3	66.8	91.4
49.4	96.4	136.8	1986	158.7	88.8	153.6	1986	62.6	68.6	91.5
			1986				1986			
47.7	98.9	137.0	February	160.5	88.9	156.8	February	63.9	67.6	92.2
48.2	99.0	137.4	March	160.7	89.0	154.1	March	63.7	67.6	92.1
49.6	98.5	137.9	April	160.5	89.6	154.5	April	63.8	68.0	92.4
49.9	98.4	137.8	May	160.3	90.1	150.5	May	61.6	68.1	92.1
50.5	97.2	137.8	June	160.3	89.6	154.0	June	62.6	68.9	92.9
50.4	93.9	135.5	July	159.0	89.1	153.5	July	63.0	68.9	93.2
50.6	91.9	135.5	August	158.3	90.4	151.1	August	66.2	68.9	90.0
50.4	90.1	137.2	September	158.1	90.1	151.2	September	66.6	69.3	91.2
48.6	90.9	136.0	October	152.7	90.1	150.5	October	63.1	69.4	90.6
49.2	93.6	136.3	November	156.0	90.2	153.8	November	62.4	69.4	92.7
49.0	94.1	136.0	December	156.1	90.3	154.4	December	62.7	69.1	91.3
			1987				1987			
47.8	93.8	134.3	January	155.0	90.8	151.7	January	62.8	68.8	91.1
47.9	96.4	133.3	February	154.1	90.0	153.4	February	61.7	68.9	91.0

Average Weekly Earnings of Production Workers

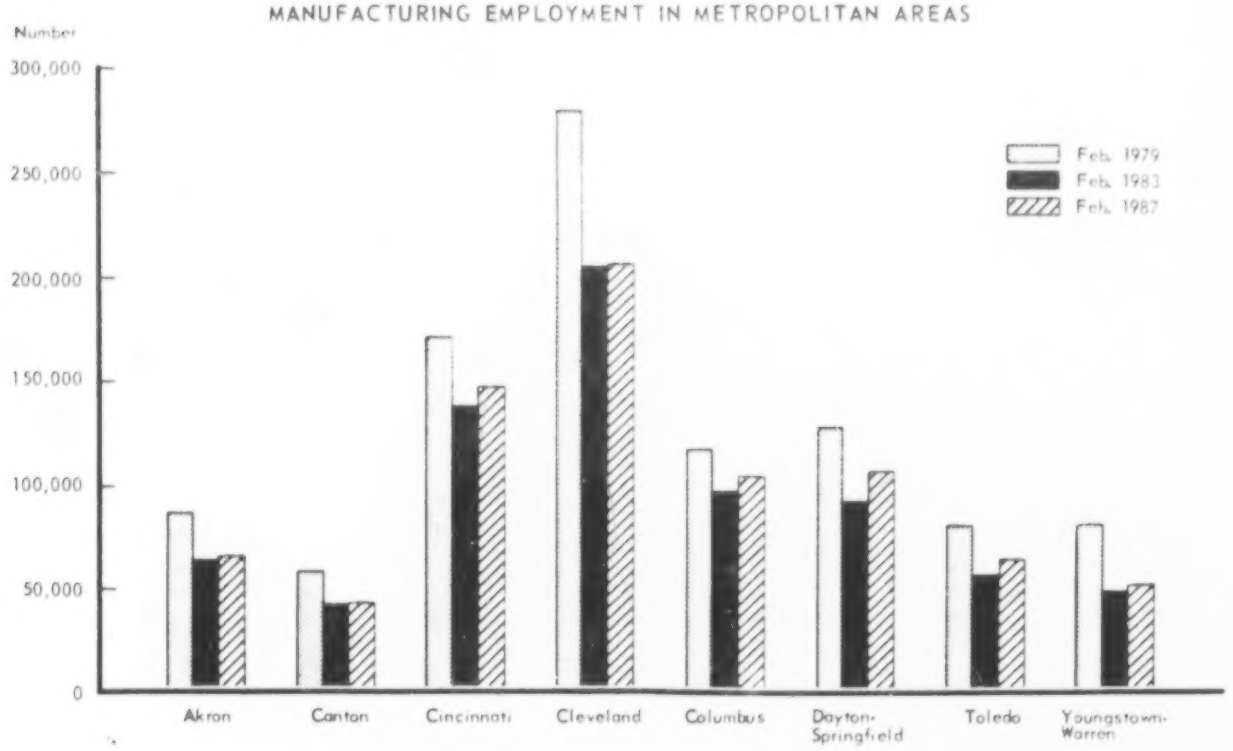
$232.40	$294.58	$258.68	1976	$253.31	$221.54	$302.87	1976	$242.92	$252.20	$237.30
253.95	329.84	290.44	1977	279.18	248.44	359.20	1977	258.54	271.06	263.97
274.61	366.24	307.23	1978	306.16	268.45	389.68	1978	281.15	294.18	282.77
293.34	395.43	323.38	1979	329.09	289.27	39..56	1979	304.60	302.60	300.66
315.43	422.01	349.34	1980	352.77	316.31	414.83	1980	328.85	320.00	321.61
348.02	484.04	385.61	1981	389.16	350.27	471.50	1981	363.75	347.77	368.87
376.88	480.54	398.77	1982	392.63	366.56	506.99	1982	386.04	358.40	391.11
400.57	503.85	460.65	1983	424.09	384.53	557.92	1983	403.79	375.62	412.25
419.15	537.21	476.30	1984	467.61	420.65	603.46	1984	419.19	386.30	419.99
434.30	548.83	492.15	1985	475.58	433.30	635.26	1985	413.25	395.14	429.17
443.81	559.83	494.91	1986	485.18	459.80	632.06	1986	416.83	410.70	436.86
			1986				1986			
434.84	561.19	496.18	February	483.51	460.06	652.24	February	402.98	400.82	438.44
446.37	550.78	506.32	March	488.20	459.80	644.67	March	395.39	408.67	438.60
444.11	546.40	495.01	April	482.22	462.79	632.60	April	399.10	398.91	423.43
446.37	547.80	486.36	May	481.20	461.28	620.54	May	419.87	407.33	433.15
443.55	545.89	494.06	June	483.07	450.58	616.40	June	417.91	402.80	441.66
442.24	548.06	472.65	July	473.30	448.11	600.66	July	431.04	406.75	431.38
448.86	566.46	486.99	August	481.85	462.35	616.40	August	422.99	410.80	438.65
447.62	559.68	494.38	September	485.41	464.88	629.31	September	420.33	417.40	441.34
447.44	563.50	488.36	October	482.58	456.77	610.76	October	426.72	416.95	443.23
442.08	583.73	503.01	November	492.33	471.33	646.46	November	423.85	429.37	447.38
441.00	596.23	515.70	December	510.82	489.89	656.48	December	436.77	429.46	444.19
			1987				1987			
441.31	593.61	515.91	January	498.53	473.61	647.91	January	438.46	416.96	443.59
443.15	596.67	510.35	February	499.38	482.04	643.13	February	433.26	424.99	436.96

*Estimated in cooperation with the U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision.

EMPLOYMENT IN MAJOR MANUFACTURING INDUSTRIES



MANUFACTURING EMPLOYMENT IN METROPOLITAN AREAS



Nonagricultural Wage & Salary Employment[a]

Ohio

	Employment (in thousands)			Change[d] (in thousands)	
	February 1987[b]	January 1987[c]	February 1986[c]	From Last Month	From Last Year
TOTAL	4470.4	4466.6	4345.7	3.8	124.7
MANUFACTURING	1097.1	1096.7	1103.6	.4	-6.5
Durable Goods[e]	743.4	741.7	738.7	1.7	4.7
Lumber and wood products	18.4	18.2	18.4	.2	.0
Furniture and fixtures	14.4	14.4	13.4	.0	1.0
Stone, clay, and glass products	47.9	47.8	47.9	.1	.0
Glass and glassware, pressed or blown	10.9	10.9	11.2	.0	-.3
Primary metal industries	36.4	37.8	38.0	-1.4	-1.6
Blast furnace and basic steel products	44.5	42.8	44.4	1.7	.1
Iron and steel foundries	19.5	19.3	21.7	.2	-2.2
Nonferrous rolling and drawing	17.2	16.9	18.1	.3	-.9
Fabricated metal products	138.3	139.3	137.2	-1.0	1.1
Cutlery, hand tools, and hardware	10.1	10.2	11.1	-.1	-1.0
Fabricated structural metal products	27.9	28.7	28.7	-.8	-.8
Metal forgings and stampings	42.7	42.9	41.9	-.2	.8
Machinery, except electrical	154.1	153.0	160.7	1.1	-6.6
Construction and related machinery	13.2	13.4	13.2	-.2	.0
Metalworking machinery	39.4	39.7	41.9	-.3	-2.5
Special industry machinery	18.8	18.8	17.9	.0	.9
General industrial machinery	26.9	27.4	29.1	-.5	-2.2
Office and computing machines	11.3	11.4	12.0	-.1	-.7
Refrigeration and service machinery	15.6	15.7	16.0	-.1	-.4
Electric and electronic equipment	90.2	90.4	88.3	-.2	1.9
Electrical industrial apparatus	16.8	16.9	17.0	-.1	-.2
Household appliances	17.3	17.5	16.7	-.2	.6
Electric lighting and wiring equipment	17.8	17.9	18.1	-.1	-.3
Communication equipment	10.6	10.6	10.4	.0	.2
Transportation equipment	151.4	151.7	156.8	-.3	-5.4
Motor vehicles and equipment	98.3	98.6	103.2	-.3	-4.9
Aircraft and parts	45.8	46.1	45.4	-.3	.4
Instruments and related products	22.1	22.6	23.1	-.5	-1.0
Measuring and controlling devices	12.0	11.9	12.3	.1	-.3
Nondurable Goods	353.6	354.6	351.1	-1.0	2.5
Food and kindred products	61.7	62.7	60.9	-1.0	.8
Meat products	9.8	9.8	9.8	.0	.0
Dairy products	10.3	10.1	9.9	.2	.4
Preserved fruits and vegetables	10.2	10.3	10.3	-.1	-.1
Bakery products	6.5	6.4	6.4	.1	.1
Beverages	9.8	9.8	9.8	.0	.0
Apparel and other textile products	16.2	16.0	16.0	.2	.2
Paper and allied products	37.0	37.5	37.4	-.5	-.4
Misc. converted paper products	11.7	11.8	12.0	-.1	-.3
Paperboard containers and boxes	12.7	12.9	12.8	-.2	-.1
Printing and publishing	68.9	68.8	67.8	.1	1.1
Newspapers	19.4	19.8	18.6	-.4	.8
Commercial printing	26.0	26.0	25.8	.0	.2
Chemicals and allied products	63.1	63.1	63.3	.0	-.2
Industrial inorganic chemicals	10.1	10.0	9.8	.1	.3
Rubber and misc. plastics products	91.0	91.3	92.2	-.3	-1.2
Tires and inner tubes	17.6	17.7	18.5	-.1	-.9
Miscellaneous plastics products	53.6	53.8	53.3	-.2	.3

See footnotes on page 13

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	February 1987[b]	January 1987	February 1986[c]	From Last Month	From Last Year
NONMANUFACTURING	3111.1	3100.4	3038.9	10.7	72.2
MINING	23.9	23.7	23.6	.2	.3
Bituminous coal and lignite mining	9.8	9.8	10.1	.0	-.3
Oil and gas extraction	7.0	7.0	6.8	.0	.2
CONSTRUCTION	139.3	134.7	128.7	4.6	10.6
General building contractors	36.7	35.1	34.1	1.6	2.6
Heavy construction contractors	18.3	16.7	15.8	1.6	2.5
Highway and street construction	8.1	7.4	7.1	.7	1.0
Special trade contractors	86.3	82.9	78.8	3.4	7.5
TRANSPORTATION AND PUBLIC UTILITIES	208.0	208.1	197.8	-.1	10.2
Railroad transportation	14.1	14.1	13.3	.0	.8
Transportation, except railroads	97.8	96.8	92.1	1.0	5.7
Trucking and warehousing	65.9	65.1	62.0	.8	3.9
Communication, electric, gas services	94.2	94.2	89.5	.0	4.7
Communication	47.7	47.7	46.0	.0	1.7
Electric, gas, and sanitary services	46.5	46.5	43.5	.0	3.0
WHOLESALE TRADE	248.7	248.7	243.6	.0	5.1
Wholesale trade-durable goods	135.1	135.1	134.1	.0	1.0
Motor vehicles & automotive equipment	22.1	22.1	22.3	.0	-.2
Electrical goods	27.7	27.8	27.6	-.1	.1
Machinery, equipment, and supplies	67.3	67.1	66.5	.2	.8
Wholesale trade-nondurable goods	90.5	90.5	89.5	.0	1.0
Groceries and related products	28.9	28.9	27.9	.0	1.0
RETAIL TRADE	815.8	811.7	779.9	4.1	35.9
General merchandise stores	113.2	113.6	111.3	-.4	1.9
Department stores	79.5	79.8	78.7	-.3	.8
Food stores	126.2	126.9	125.4	-.7	.8
Automotive dealers & service stations	92.1	92.1	89.2	.0	2.9
Apparel and accessory stores	36.2	35.9	36.7	.3	-.5
Eating and drinking places	251.7	251.2	238.1	.5	13.6
FINANCE, INSURANCE, AND REAL ESTATE	237.4	236.8	224.2	.7	13.2
Banking	62.7	62.6	61.8	.1	.9
Credit agencies other than banks	33.0	33.0	32.0	.0	1.0
Insurance carriers	54.6	54.6	51.5	.0	3.1
Life insurance	24.2	24.1	23.1	.1	1.1
Fire, marine, and casualty insurance	29.7	29.8	28.0	-.1	1.7
SERVICES	1013.6	1006.1	991.8	7.5	21.8
Hotels and other lodging places	31.1	31.0	31.4	.1	-.3
Personal services	56.8	56.4	53.8	.4	3.0
Laundry, cleaning, & garment services	18.1	18.1	17.4	.0	.7
Business services	200.6	199.8	178.7	.8	21.9
Services to buildings	28.8	28.7	28.7	.1	.1
Computer and data processing services	19.1	19.1	16.9	.0	2.2
Amusement and recreation services	28.0	28.1	27.8	-.1	.2
Health services	352.6	352.1	335.9	.5	16.7
Nursing and personal care facilities	77.0	77.5	73.8	-.5	3.2
Hospitals	174.2	173.7	166.5	.5	7.7
Educational services	62.9	59.5	64.4	3.4	-1.5
Colleges and universities	35.1	32.0	36.4	3.1	-1.3
GOVERNMENT	699.8	695.8	687.3	10.2	12.5
Federal government	93.6	93.6	91.1	.0	2.5
State government	157.3	152.8	151.0	4.5	6.3
State government education	83.8	79.7	82.4	4.1	1.4
State government except education	73.4	73.1	68.6	.3	4.8
Local government	448.1	449.4	445.2	-1.3	2.9
Local government education	265.8	269.7	260.5	-3.9	5.3
Local government except education	182.3	179.8	184.6	2.5	-2.3

See footnotes on page 13

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	February 1987[b]	January 1987[c]	February 1986[c]	Feb. 1987[b]	Jan. 1987[c]	Feb. 1986[c]	Feb. 1987[b]	Jan. 1987[c]	Feb. 1986[c]
MANUFACTURING	$439.90	$502.58	$488.58	42.4	42.7	42.2	$11.79	$11.77	$11.58
Durable Goods[f]	521.73	524.86	512.80	42.8	43.1	42.6	12.19	12.18	12.04
Lumber and wood products	283.22	286.72	281.32	39.5	40.1	39.4	7.17	7.15	7.14
Furniture and fixtures	342.19	348.61	339.01	40.4	40.7	40.6	8.47	8.56	8.35
Stone, clay, and glass products	443.15	441.31	434.84	41.3	41.9	41.1	10.73	10.74	10.58
Glass and glassware, pressed or blown	467.31	466.22	465.86	40.6	41.4	41.2	11.51	11.54	11.31
Primary metal industries	596.67	593.61	561.19	44.1	44.2	43.1	13.53	13.47	13.02
Blast furnace and basic steel products	614.18	615.03	550.67	43.9	44.6	40.7	13.99	13.79	13.53
Iron and steel foundries	636.96	635.21	620.20	45.4	45.6	44.3	14.03	13.93	14.00
Nonferrous rolling and drawing	582.75	582.83	579.80	42.4	42.9	41.9	13.98	13.91	13.84
Fabricated metal products	510.35	515.91	496.18	42.6	43.1	42.3	11.98	11.97	11.77
Cutlery, hand tools, and hardware	476.77	472.02	494.10	40.2	39.9	40.5	11.86	11.83	12.20
Fabricated structural metal products	439.67	441.42	413.83	41.4	42.0	41.3	10.62	10.51	10.02
Metal forgings and stampings	656.89	673.35	637.58	44.9	45.9	44.4	14.63	14.67	14.36
Machinery, except electrical	499.38	498.53	483.51	42.5	42.5	42.6	11.75	11.73	11.35
Construction and related machinery	418.20	414.10	404.61	41.3	41.0	40.3	10.20	10.10	10.04
Metalworking machinery	463.56	468.00	462.40	41.8	42.2	42.6	11.09	11.09	10.86
Special industry machinery	464.25	460.22	446.42	41.9	41.8	41.8	11.08	11.01	10.69
General industrial machinery	514.25	507.95	504.38	42.5	42.4	42.6	12.13	11.98	11.84
Office and computing machines	399.36	383.51	397.11	41.6	40.2	42.7	9.60	9.54	9.30
Refrigeration and service machinery	608.79	611.59	588.74	42.9	43.1	44.1	14.19	14.19	13.35
Electric and electronic equipment	462.04	473.61	460.06	41.7	42.4	41.9	11.08	11.17	10.98
Electrical industrial apparatus	441.86	453.84	445.26	40.8	42.1	42.7	10.83	10.78	10.34
Household appliances	491.21	506.11	476.50	42.2	43.0	41.6	11.64	11.77	11.32
Electric lighting and wiring equipment	477.15	501.17	458.02	41.6	42.4	41.6	11.47	11.82	11.01
Communication equipment	455.83	458.82	484.38	39.5	40.3	41.7	11.54	11.41	11.87
Transportation equipment	643.13	647.91	652.24	44.6	44.9	45.2	14.42	14.43	14.43
Motor vehicles and equipment	660.67	677.24	684.63	44.4	45.3	45.4	14.88	14.95	15.08
Aircraft and parts	614.21	586.09	573.82	45.7	44.2	44.9	13.44	13.26	12.78
Instruments and related products	374.51	375.15	381.74	41.2	41.0	39.3	9.09	9.15	8.95
Measuring and controlling devices	388.78	374.46	342.62	39.1	39.5	37.9	9.38	9.48	9.04
Nondurable Goods[f]	447.53	449.53	432.41	41.4	41.7	41.3	10.81	10.78	10.47
Food and kindred products	433.26	438.46	402.98	41.5	42.2	42.5	10.44	10.39	9.95
Meat products	386.48	384.09	347.88	41.6	41.3	39.0	9.29	9.30	8.92
Dairy products	458.00	458.77	435.74	42.5	42.4	42.1	10.82	10.82	10.35
Preserved fruits and vegetables	442.66	457.68	390.57	42.4	43.3	40.6	10.44	10.57	9.62
Bakery products	458.25	457.85	430.91	38.0	38.9	38.1	11.75	11.77	11.31
Beverages	384.55	392.80	388.36	36.2	40.0	38.8	9.81	9.82	10.01
Apparel and other textile products	279.27	273.80	267.51	38.1	37.0	37.0	7.33	7.40	7.23
Paper and allied products	492.62	503.10	484.74	44.3	45.0	44.8	11.12	11.18	10.82
Misc. converted paper products	456.30	485.10	450.24	45.0	46.2	44.8	10.14	10.50	10.05
Paperboard containers and boxes	431.21	428.13	409.92	42.4	42.6	42.7	10.17	10.05	9.60
Printing and publishing	424.99	416.96	400.62	38.6	38.5	38.3	11.01	10.83	10.46
Newspapers	358.80	343.40	325.38	34.7	33.7	33.0	10.34	10.19	9.86
Commercial printing	417.59	408.72	404.99	39.1	39.3	39.9	10.68	10.40	10.15
Chemicals and allied products	526.66	523.75	506.57	41.6	41.9	41.9	12.66	12.50	12.09
Industrial inorganic chemicals	560.14	550.33	542.10	41.4	41.1	41.7	13.53	13.39	13.00
Rubber and misc. plastics products	436.96	443.59	438.44	42.3	42.9	42.9	10.33	10.34	10.22
Tires and inner tubes	661.78	646.81	630.20	47.1	46.6	46.0	14.05	13.88	13.70
Miscellaneous plastics products	415.33	428.71	424.15	41.7	42.7	42.8	9.96	10.04	9.91

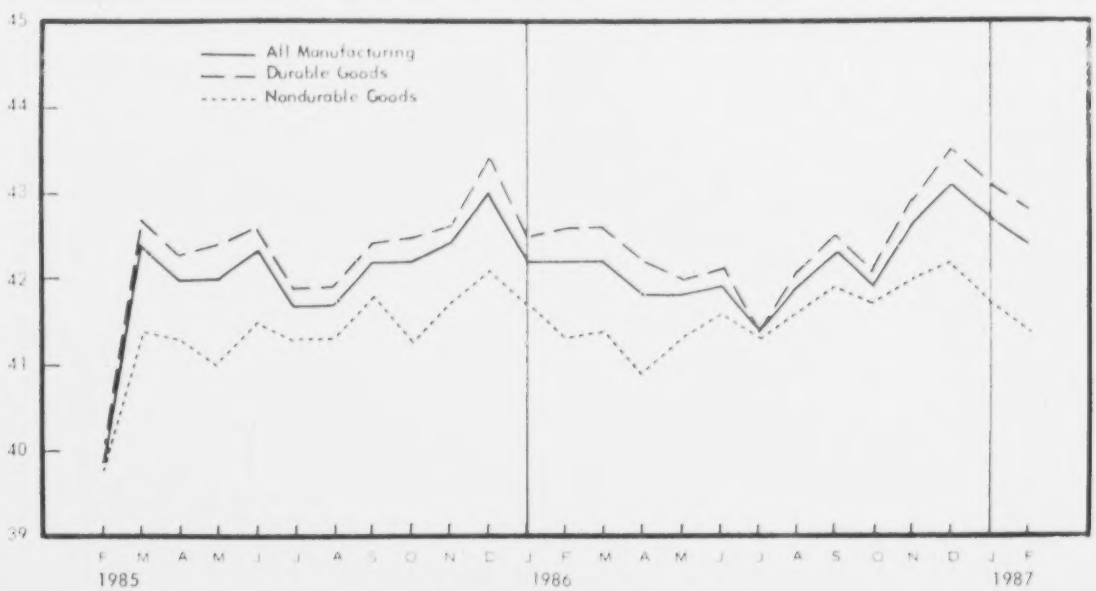
See footnotes on page 13

Hours & Earnings of Production or Nonsupervisory Workers[a]

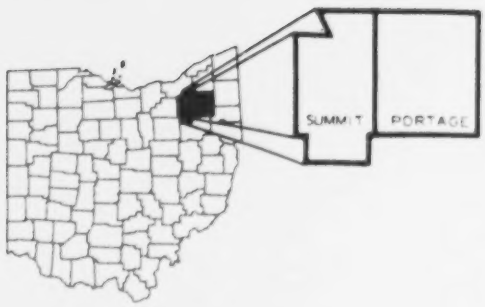
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	February 1987[b]	January 1987[c]	February 1986[c]	Feb. 1987[b]	Jan. 1987[c]	Feb. 1986[c]	Feb. 1987[b]	Jan. 1987[c]	Feb. 1986[c]
MINING	$520.27	$540.63	$513.30	43.6	43.7	43.5	$12.62	$12.53	$11.97
Bituminous coal and lignite mining	664.78	650.15	623.88	43.0	42.0	42.3	15.46	15.48	14.75
CONSTRUCTION	550.42	561.41	572.14	37.7	39.4	37.2	14.60	14.25	15.38
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	533.85	535.30	515.16	40.2	40.4	40.2	13.28	13.25	12.82
Communication	523.77	526.20	503.23	39.8	40.0	39.5	13.16	13.15	12.74
Electric, gas, and sanitary services	544.57	546.47	529.72	40.7	40.9	41.0	13.38	13.36	12.92
WHOLESALE TRADE	366.66	368.32	366.96	38.8	39.1	39.5	9.45	9.42	9.29
Wholesale trade-durable goods	382.70	385.10	383.96	39.0	39.4	39.2	9.82	9.78	9.80
Wholesale trade-nondurable goods	372.86	373.07	361.38	38.6	38.7	38.8	9.66	9.64	9.31
RETAIL TRADE	153.64	155.96	153.70	28.6	28.8	28.1	5.37	5.41	5.47
General merchandise stores	171.60	169.68	168.04	29.8	29.7	29.2	5.76	5.71	5.76
Department stores	177.37	174.48	172.25	29.7	29.6	29.2	5.97	5.90	5.90
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	.....	.....	.....
Banking	253.20	257.38	246.74	....	....	....	.....	.....	.....
Credit agencies other than banks	245.06	247.27	237.82	....	....	....	.....	.....	.....
Insurance carriers	345.39	343.87	339.25	....	....	....	.....	.....	.....
SERVICES	.....	.....	.....	....	....	....	.....	.....	.....
Health services	.....	.....	.....	....	....	....	.....	.....	.....
Hospitals	324.36	324.36	312.66	33.2	33.2	33.5	9.77	9.77	9.33

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. Includes miscellaneous manufacturing, included for manufactures: textile mill products; petroleum and coal products; leather and leather products. [e]Money payments only; tips not included. [f]Includes State universities, State schools for deaf and blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [g]Depressed due to labor-management disputes.

AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS IN OHIO MANUFACTURING INDUSTRIES



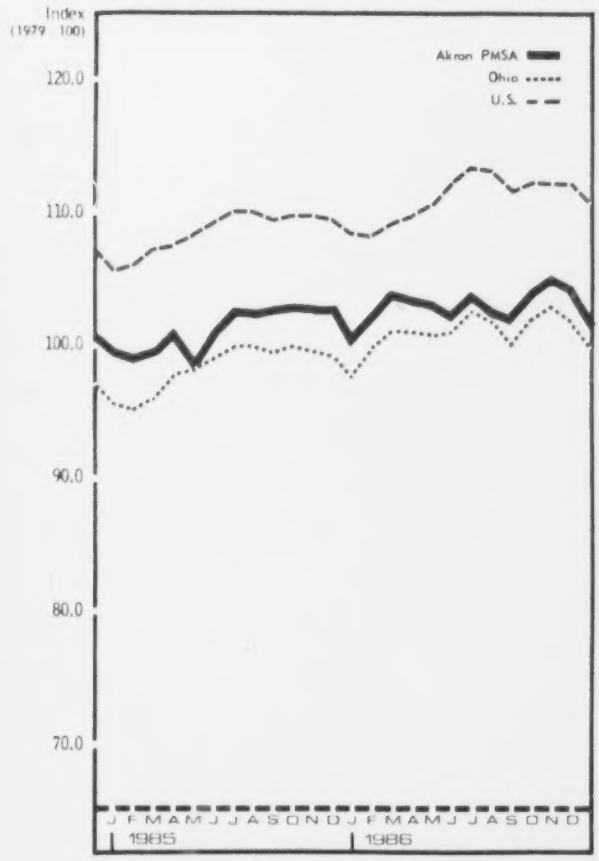
AKRON
PRIMARY METROPOLITAN STATISTICAL AREA



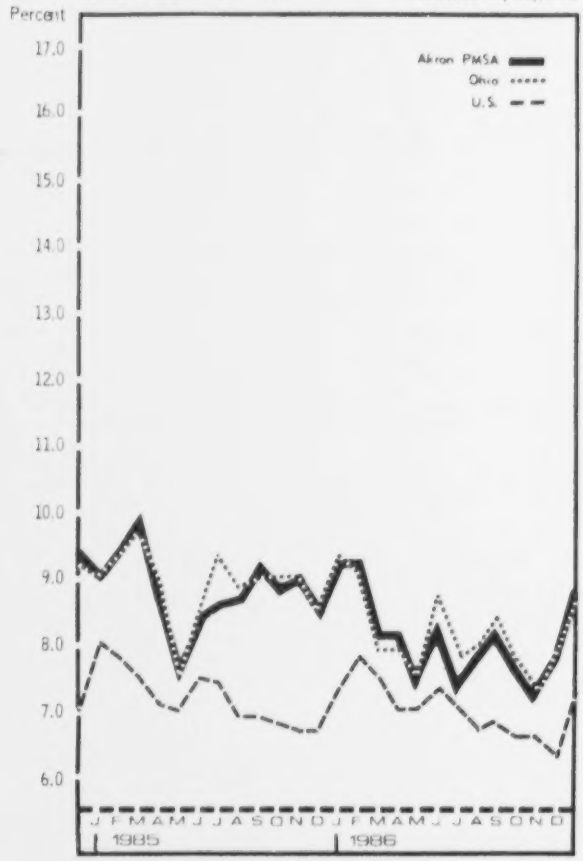
Nonagricultural wage and salary employment for the Akron metropolitan area was reduced by 200 from January, to 259,300 in February. Employment in manufacturing dropped 300, to 66,300. Nonmanufacturing employment registered an increase of 100, as the return of nonteaching personnel in state government education was nearly offset by reductions in retail trade and construction. Manufacturing production workers averaged a 42.9 hour workweek, down .2 hours from January. Their average hourly earnings were $11.48, an increase of $.12 from the previous month.

Nonfarm wage and salary employment advanced 4,700 over the year. The expansion occurred in nonmanufacturing as retail trade, services, and construction had sizable increases. Manufacturing employment was reduced by 300 jobs over the year. Losses were concentrated in tires and inner tubes and metalworking machinery.

INDEXES OF TOTAL EMPLOYMENT
AKRON PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
AKRON PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)

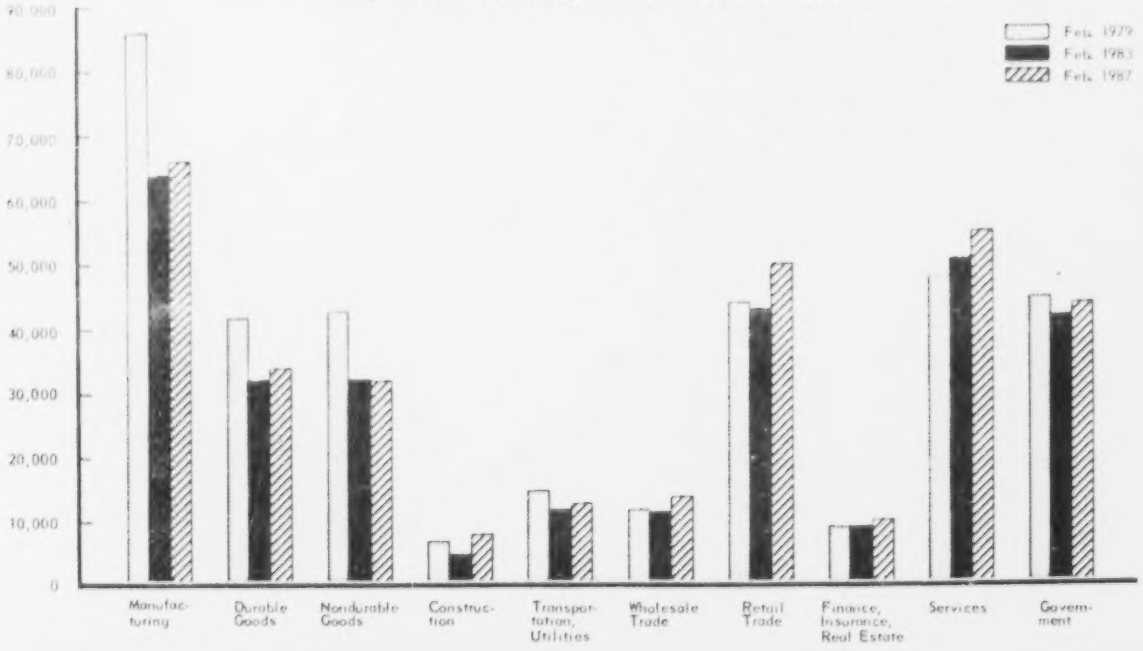


Akron PMSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hourly Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
290.3	264.3	25.0	8.6	1976	247.3	80.3	44.6	$255.44	42.1	$ 6.02
299.2	279.7	19.5	6.6	1977	259.3	85.6	49.2	288.53	42.3	6.76
296.1	276.7	19.3	6.5	1978	268.6	89.9	50.4	308.14	42.3	7.19
296.0	285.4	10.6	3.6	1979	277.0	89.6	51.8	321.57	41.8	7.71
298.5	278.5	20.0	6.7	1980	262.4	79.1	47.5	301.09	41.5	8.72
298.1	276.9	21.1	7.1	1981	259.5	75.7	45.7	334.10	41.9	9.60
301.9	265.3	36.6	12.1	1982	248.8	68.3	38.8	405.03	41.0	9.83
305.3	267.2	37.3	12.2	1983	244.7	65.2	35.9	452.11	41.1	10.69
307.5	281.8	25.8	8.4	1984	252.2	67.8	38.0	470.59	41.7	10.97
309.4	283.6	25.8	8.3	1985	257.5	68.1	37.5	479.21	41.2	11.40
312.3	288.3	24.0	7.7	1986	261.0	68.8	38.0	488.70	41.2	11.72
				1985						
306.0	280.8	25.2	8.2	January	256.2	66.6	36.3	473.37	41.2	11.40
310.7	284.1	26.6	8.6	February	259.0	68.6	38.2	473.79	41.1	11.43
309.1	284.2	24.9	8.1	March	259.0	68.7	38.2	480.43	41.2	11.47
307.2	284.9	22.3	7.3	April	259.0	67.1	36.3	470.87	41.0	11.37
310.1	288.7	21.4	6.9	May	262.0	67.2	36.5	475.50	41.0	11.39
310.6	291.7	18.9	6.2	June	263.9	67.5	36.8	476.12	41.0	11.41
309.0	286.9	22.2	7.3	July	262.0	68.5	37.7	473.09	40.8	11.40
311.2	288.5	22.7	7.3	August	263.1	69.1	38.6	481.81	41.0	11.68
311.6	291.0	20.6	6.6	September	265.9	68.7	38.3	478.10	41.3	11.62
312.4	290.2	22.1	7.1	October	266.1	68.6	38.0	482.91	41.0	11.67
312.1	291.2	21.2	6.7	November	265.7	68.7	38.2	481.62	41.0	11.58
312.3	291.6	20.6	6.6	December	266.4	67.8	36.3	480.89	40.9	11.65
				1987						
313.0	293.5	20.1	6.4	January	268.6	68.6	38.2	485.62	41.1	11.70
314	294	19.6	6.2	February	268.3	68.3	38.0	483.43	40.9	11.69

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
AKRON PRIMARY METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Akron PMSA

	Employment (in thousands)			Change[d] (in thousands)	
	February 1987[b]	January 1987[c]	February 1986[c]	From Last Month	From Last Year
TOTAL	259.3	259.5	254.6	- .2	4.7
MANUFACTURING	66.3	66.6	66.6	- .3	- .3
Durable Goods[e]	34.4	34.7	34.8	- .2	- .4
Fabricated metal products	12.6	12.8	12.8	- .2	- .2
Machinery, except electrical	9.1	9.1	9.5	.0	- .4
Metalworking machinery	3.0	3.0	3.1	.0	- .2
Nondurable Goods[f]	31.9	31.9	31.8	- .1	.1
Food and kindred products	2.7	2.7	2.7	.0	.1
Chemicals and allied products	2.9	2.9	2.8	.0	.1
Rubber and misc. plastics products	20.6	20.7	21.1	- .1	- .4
Tires and inner tubes	13.4	13.4	14.2	.0	- .9
NONMANUFACTURING[g]	193.0	192.9	188.0	.1	5.0
CONSTRUCTION	7.6	7.9	6.9	- .3	.7
TRANSPORTATION AND PUBLIC UTILITIES	13.1	12.9	12.8	.1	.3
Communication, electric, gas services	5.4	5.4	5.3	.0	.1
WHOLESALE TRADE	13.6	13.8	13.5	- .2	.1
RETAIL TRADE	45.7	50.3	47.4	- .5	2.3
General merchandise stores	6.4	6.9	6.5	- .5	- .1
FINANCE, INSURANCE, AND REAL ESTATE	10.2	10.2	9.7	.0	.4
Banking	3.1	3.1	3.1	.0	.0
SERVICES	54.6	54.6	53.7	.0	.9
Business services	10.6	10.7	10.3	- .1	.3
Amusement and recreation services	2.2	2.2	2.3	.0	- .1
Health services	17.6	17.6	17.6	.0	.0
GOVERNMENT	43.6	42.5	43.0	1.1	.6
State government	15.6	14.6	15.0	.9	.5
State government education	12.6	11.7	12.2	1.0	.5
State government, except education	2.9	2.9	2.9	.0	.1
Local government	25.7	25.5	25.7	.2	.0
Local government education	14.4	14.2	14.4	.2	.0
Local government, except education	11.3	11.3	11.3	.0	- .1

Hours & Earnings of Production or Nonsupervisory Workers[a]

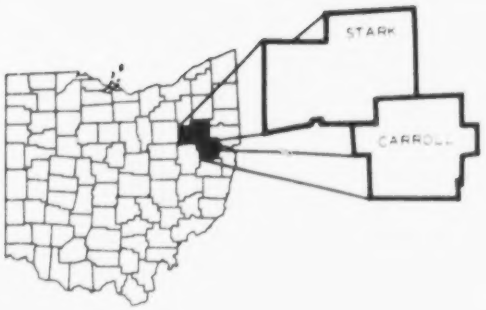
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	February 1987[b]	January 1987[c]	February 1986[c]	Feb. 1987[b]	Jan. 1987[c]	Feb. 1986[c]	Feb. 1987[b]	Jan. 1987[c]	Feb. 1986[c]
MANUFACTURING	$482.48	$489.62	$479.70	42.9	43.1	43.1	$11.49	$11.36	$11.13
Durable Goods[d]	514.61	506.43	482.42	43.1	43.1	43.5	11.94	11.75	11.32
Fabricated metal products	657.30	637.71	620.13	45.3	45.1	45.8	14.51	14.14	13.54
Machinery, except electrical	442.36	435.44	418.07	43.8	43.3	43.1	10.10	10.01	9.70
Metalworking machinery	463.32	463.50	436.14	44.4	45.0	44.8	10.21	10.30	9.78
Nondurable Goods[e]	459.43	466.34	460.93	42.5	43.1	42.6	10.81	10.82	10.82
Food and kindred products	423.47	439.56	422.26	39.8	40.7	39.6	10.64	10.80	10.69
Chemicals and allied products	469.53	474.43	450.58	40.9	41.8	41.3	11.48	11.35	10.91
Rubber and misc. plastics products	490.40	492.17	489.51	44.3	44.5	44.1	11.07	11.06	11.10
Tires and inner tubes	731.92	731.87	710.97	50.2	50.3	49.1	14.58	14.55	14.48
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	541.23	539.48	522.00	40.3	40.2	40.0	13.43	13.42	13.05
WHOLESALE TRADE	322.49	316.22	321.10	38.3	37.6	38.0	8.42	8.41	8.45
RETAIL TRADE[f]	198.45	197.82	175.03	31.5	31.5	28.6	6.30	6.28	6.12

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	February 1987	January 1987	February 1986
Employment Service Program			
New Applicants	2,455	2,843	2,522
Active File of Job Seekers	21,280	20,680	25,824
Referrals to Jobs	980	789	1,240
Placements	185	131	170
Job Openings Received	425	378	400
Job Openings Unfilled	519	478	591
Unemployment Insurance Program			
Initial Claims	3,443	5,841	3,694
Continued Claims	38,189	39,407	40,982
First Payments	2,535	2,879	2,285
Last Payments	393	500	420
Weeks Compensated	32,374	33,548	34,877
Benefits Paid	$4,841,878	$4,953,512	$5,212,876
Average Weekly Payment	$152.38	$151.70	$152.77

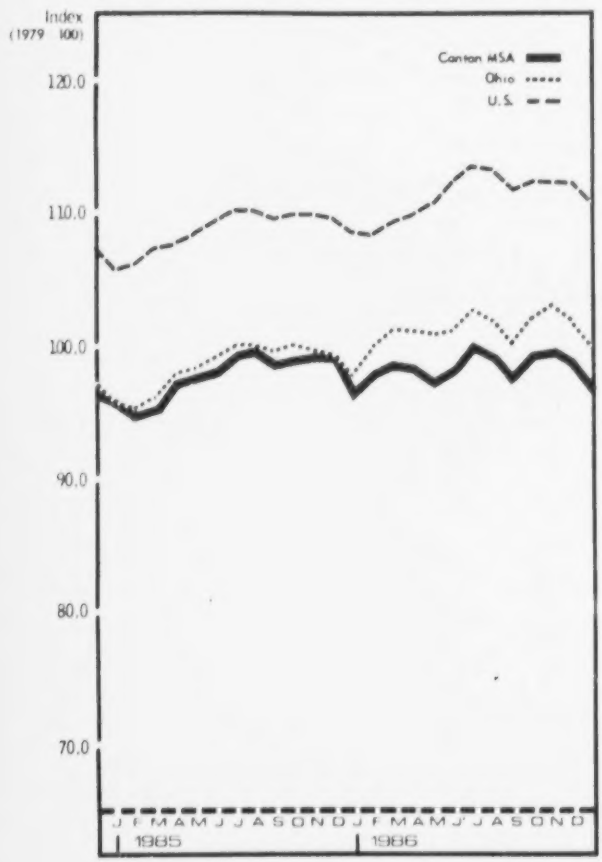
CANTON
METROPOLITAN STATISTICAL AREA



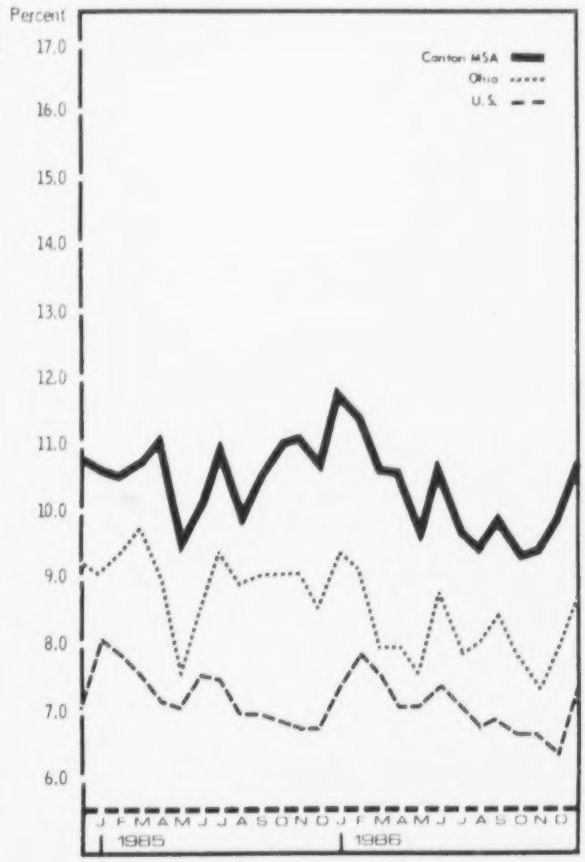
Nonagricultural wage and salary employment in the Canton area totaled 151,500 in February, an increase of 200 from January. Improvement in primary metals accounted for the growth as manufacturing employment rose 200, to 43,000. Employment in nonmanufacturing was unchanged at 108,500. Seasonal decreases in construction and retail trade offset the return of nonteaching personnel in local government education. Production workers worked a 42.2 hour workweek, unchanged from last month. Their average hourly earnings dropped $.06 from January, to $11.39 in February.

Nonfarm employment registered growth of 2,500 since February 1986. Advancements occurred in all nonmanufacturing divisions. The most noteworthy increases took place in retail trade, services, and construction. Manufacturing lost 1,400 jobs over the year, with losses in fabricated metal products and rubber and miscellaneous plastics products.

INDEXES OF TOTAL EMPLOYMENT
CANTON MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CANTON MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



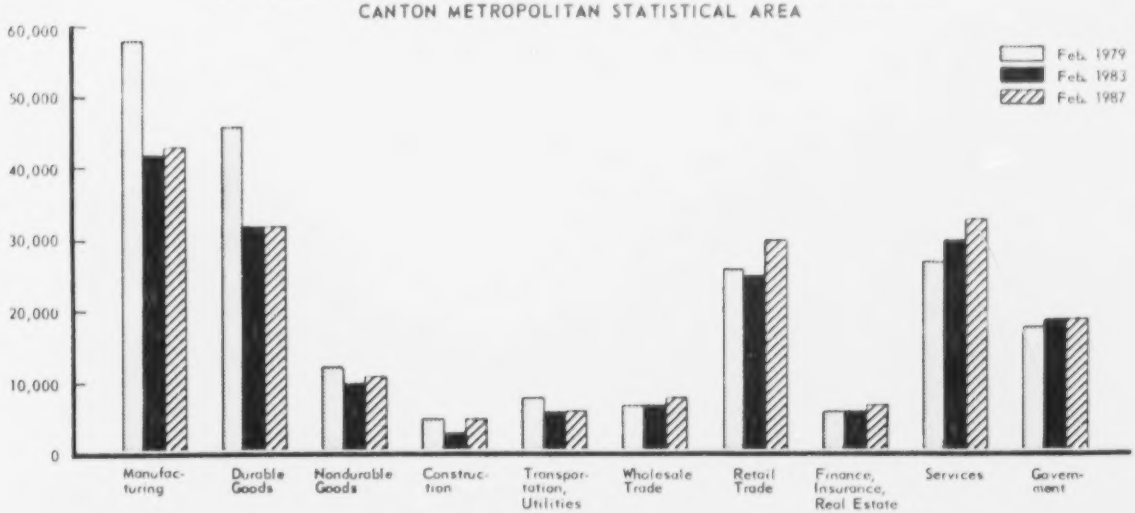
Canton MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed				Manufacturing Employment					
		Unemployed				Manufacturing Production Workers				
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
174.4	158.6	15.8	9.1	1976	145.9	54.8	40.4	$244.73	39.8	$ 6.18
175.9	163.1	12.9	7.3	1977	149.8	56.8	41.1	273.14	39.7	6.88
179.9	170.0	9.9	5.5	1978	156.1	57.1	42.2	304.87	40.3	7.56
184.3	173.7	10.6	5.7	1979	160.8	58.1	43.2	330.88	40.9	8.09
187.7	170.8	16.8	8.9	1980	157.1	55.7	40.1	342.81	39.0	8.79
188.4	170.1	18.2	9.7	1981	156.6	54.8	39.6	380.40	40.0	9.76
191.4	164.5	27.0	14.1	1982	148.6	47.6	33.4	346.43	38.6	10.22
187.0	159.5	27.5	14.7	1983	143.4	43.5	30.6	422.14	39.6	10.66
188.1	168.1	19.9	10.6	1984	149.1	46.4	33.6	437.53	40.4	10.83
189.6	169.6	20.0	10.5	1985	151.5	46.2	33.8	439.81	39.8	10.95
190.3	171.0	19.4	10.2	1986	151.8	43.5	30.9	451.76	40.3	11.21
				1986						
189.2	166.8	22.4	11.8	January	148.9	44.1	31.4	450.32	40.1	11.23
191.9	170.0	21.9	11.4	February	149.8	44.4	31.8	448.65	40.4	11.11
191.7	171.4	20.2	10.6	March	149.0	44.0	31.3	447.12	40.1	11.15
190.6	170.7	19.9	10.5	April	151.1	44.0	31.4	442.89	39.9	11.10
188.2	170.1	18.0	9.6	May	152.6	44.2	31.6	444.09	39.9	11.13
191.0	170.6	20.4	10.7	June	153.3	44.6	31.9	446.98	39.9	11.20
192.4	173.8	18.6	9.7	July	152.7	44.0	31.3	449.52	40.1	11.21
190.1	172.2	17.9	9.4	August	152.8	44.2	31.5	448.48	39.9	11.24
187.2	168.6	18.6	9.9	September	153.8	44.0	31.4	447.75	39.8	11.25
190.2	172.4	17.7	9.3	October	149.7	38.7	26.2	445.61	40.4	11.03
191.1	173.2	18.0	9.4	November	154.2	43.0	30.5	471.33	41.2	11.44
190.3	171.5	18.7	9.9	December	154.4	42.8	30.2	476.94	41.8	11.41
				1987						
187.9	167.9	20.1	10.7	January	151.3	42.7	30.2	483.19	42.2	11.45
NA	NA	NA	NA	February	151.5	43.0	30.3	480.66	42.2	11.39

(NA: Information not available)

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CANTON METROPOLITAN STATISTICAL AREA



Canton MSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	February 1987[b]	January 1987[c]	February 1986[c]	From Last Month	From Last Year
TOTAL	151.5	151.3	149.0	.2	2.5
MANUFACTURING	43.0	42.7	44.4	.2	- 1.4
Durable Goods[e]	31.7	31.6	33.0	.1	- 1.3
Primary metal industries	10.1	10.0	10.2	.2	- .1
Fabricated metal products	6.6	6.7	7.0	.0	- .4
Metal forgings and stampings	2.3	2.3	2.6	.0	- .3
Nondurable Goods[f]	11.2	11.1	11.4	.1	- .1
Food and kindred products	3.8	3.7	3.7	.0	.0
Rubber and misc. plastics products	2.7	2.7	2.9	.0	- .2
NONMANUFACTURING[g]	108.5	108.6	104.6	.0	3.9
CONSTRUCTION	4.6	4.9	4.1	- .3	.5
TRANSPORTATION AND PUBLIC UTILITIES	6.0	5.8	5.7	.1	.2
Communication, electric, gas services	2.7	2.7	2.7	.0	- .1
WHOLESALE TRADE	7.9	7.9	7.8	.0	.1
Wholesale trade-durable goods	4.5	4.5	4.4	- .1	.1
RETAIL TRADE	30.4	30.6	28.7	- .2	1.7
General merchandise stores	3.8	4.1	3.6	- .3	.3
Food stores	5.1	5.1	4.9	.0	.2
FINANCE, INSURANCE, AND REAL ESTATE	6.6	6.5	6.3	.0	.3
Banking	1.9	1.9	1.9	.0	.0
SERVICES	33.4	33.4	32.3	.0	1.1
Health services	14.6	14.6	1.39	.0	.6
GOVERNMENT	18.7	18.3	18.5	.4	.1
State government (includes education)	1.7	1.7	1.7	.0	.0
Local government	15.5	15.2	15.5	.3	.0
Local government education	9.5	9.2	9.3	.3	.2
Local government, except education	6.0	6.0	6.1	.0	- .2

Canton MSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

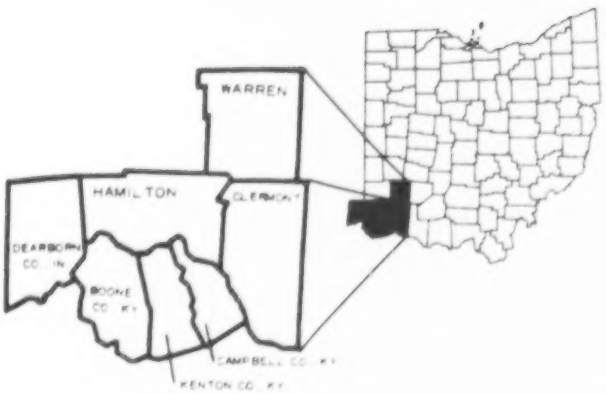
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	February 1987[b]	January 1987[c]	February 1986[c]	Feb. 1987[b]	Jan. 1987[c]	Feb. 1986[c]	Feb. 1987[b]	Jan. 1987[c]	Feb. 1986[c]
MANUFACTURING	$480.86	$483.19	$449.85	42.2	42.2	40.4	$11.39	$11.45	$11.13
Durable Goods[d]	506.85	509.22	470.83	42.9	42.9	40.8	11.81	11.87	11.54
Primary metal industries	574.34	577.66	476.14	44.8	45.2	38.0	12.82	12.78	12.53
Fabricated metal products	477.85	502.80	534.70	41.0	41.8	43.9	11.66	12.03	12.18
Metal forgings and stampings	604.45	663.15	679.36	41.6	43.4	44.8	14.53	15.28	15.16
Nondurable Goods[e]	401.20	403.60	384.75	40.0	40.0	39.3	10.03	10.09	9.79
Food and kindred products	437.72	443.90	391.04	41.1	40.8	38.3	10.65	10.88	10.21
Rubber and misc. plastics products	423.52	428.16	456.82	41.4	42.1	43.3	10.23	10.17	10.55
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	521.70	528.12	514.45	40.1	40.5	40.7	13.01	13.04	12.64
WHOLESALE TRADE	359.05	362.85	343.76	36.6	36.8	36.3	9.81	9.86	9.47
RETAIL TRADE[f]	152.30	150.90	154.19	28.1	28.1	28.5	5.42	5.37	5.41

[a]See Technical Notes for concepts [b]Preliminary [c]Revised [d]Based on unrounded figures [d]Includes lumber and wood products, furniture and fixtures, stone, clay, and glass products, machinery, except electrical, electric and electronic equipment, transportation equipment, instruments and related products, miscellaneous manufacturing [e]Includes tobacco manufactures, textile mill products, apparel and other textile mill products, paper and allied products, printing and publishing, chemicals and allied products, petroleum and coal products, leather and leather products [f]Includes mining [f]Money payments only, tips not included [f]Depressed due to labor-management disputes

Selected Administrative Program Activities

	February 1987	January 1987	February 1986
Employment Service Program			
New Applicants	1,474	1,760	1,792
Active File of Job Seekers	18,141	18,303	21,259
Referrals to Jobs	824	968	1,279
Placements	117	143	257
Job Openings Received	242	361	527
Job Openings Unfilled	353	358	328
Unemployment Insurance Program			
Initial Claims	2,559	4,560	3,273
Continued Claims	28,255	34,139	32,698
First Payments	1,882	2,285	1,744
Last Payments	302	329	319
Weeks Compensated	23,392	25,615	27,438
Benefits Paid	$3,456,963	$3,716,635	$4,080,062
Average Weekly Payment	$151.71	$150.56	$152.29

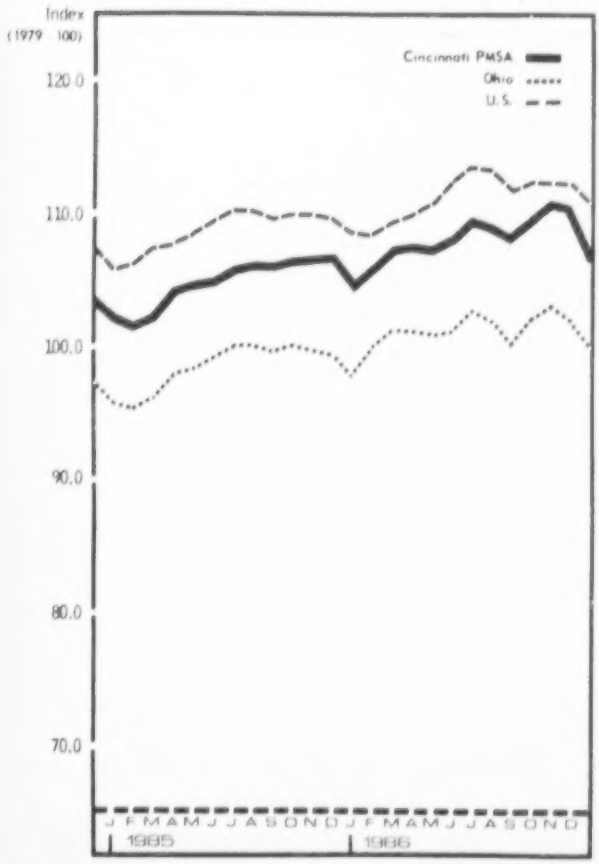
CINCINNATI
PRIMARY METROPOLITAN STATISTICAL AREA



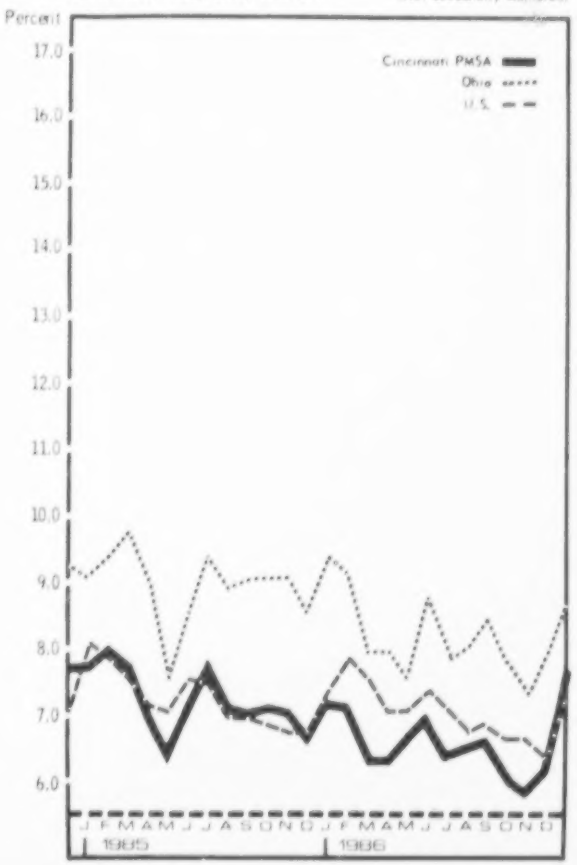
Nonagricultural wage and salary employment in the Cincinnati area was 655,000 in February, up 4,200 from January. Manufacturing employment increased 3,000, due to returns from temporary shutdowns in motor vehicles and equipment. Nonmanufacturing employment rose 1,200. Gains in services and returns of nonteaching personnel in local schools more than offset seasonal declines in retail trade and construction. Production workers in manufacturing worked an average of 42.3 hours per week, unchanged from January. Their average hourly earnings were $11.02, up $.18.

From February 1986 to February 1987, nonagricultural wage and salary employment rose 25,500, due primarily to growth in services and retail trade, although all nonmanufacturing divisions recorded expansion. Manufacturing was down 500, with significant losses in motor vehicles and equipment and metalworking machinery.

INDEXES OF TOTAL EMPLOYMENT
CINCINNATI PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CINCINNATI PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



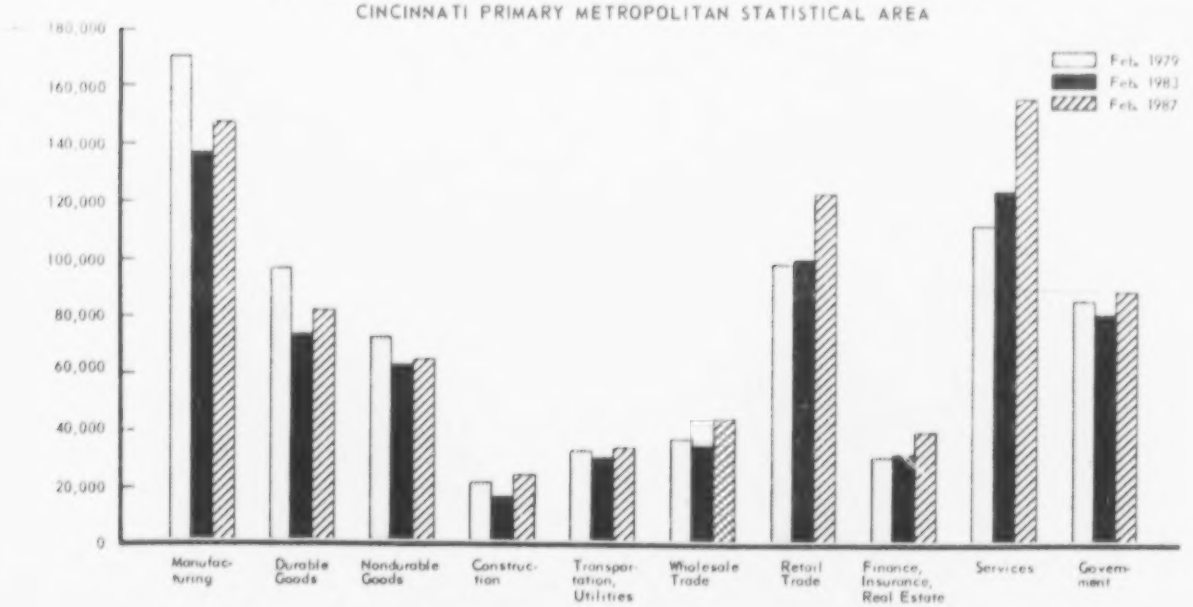
Cincinnati PMSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed	Unemployed				Manufacturing Employment				
		Total	Rate				Manufacturing Production Workers			
								Hourly and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
636.8	566.6	38.2	6.3	1976	541.9	155.6	107.8	$232.72	41.3	$5.66
625.6	588.7	36.7	5.6	1977	562.1	161.1	110.7	250.85	41.6	6.27
648.3	615.8	32.6	5.0	1978	581.2	169.2	116.4	286.70	42.1	6.84
663.8	620.1	38.5	5.3	1979	607.9	173.1	117.8	303.37	41.5	7.35
676.2	628.8	47.5	7.0	1980	608.7	162.4	109.6	336.03	41.2	8.06
678.5	619.3	59.1	8.7	1981	592.2	157.3	103.5	362.30	41.1	8.78
684.1	612.6	71.9	10.5	1982	575.3	146.3	95.5	387.59	40.5	9.57
687.6	615.2	72.4	10.5	1983	575.8	140.4	87.7	415.52	41.1	10.11
696.9	638.4	57.5	8.3	1984	609.8	145.0	98.5	461.41	41.9	10.98
708.3	657.3	51.0	7.2	1985	628.1	147.1	96.8	481.76	41.9	11.67
726.9	679.4	47.2	6.5	1986	651.2	147.9	95.7	495.80	42.1	11.70
				1986						
706.6	653.7	50.9	7.2	January	630.1	148.6	98.4	467.26	41.8	11.20
717.8	683.1	51.0	7.1	February	629.5	147.8	95.8	485.21	41.3	11.76
730.2	684.8	45.5	6.3	March	633.2	147.0	94.8	469.35	41.8	11.25
727.9	682.4	45.5	6.3	April	644.8	147.0	94.1	461.76	41.4	10.67
721.6	673.3	48.3	6.7	May	640.0	148.2	95.8	466.38	41.9	10.61
730.2	679.4	50.8	7.0	June	654.5	147.1	95.5	463.69	41.7	10.54
734.7	687.5	47.1	6.4	July	652.6	147.5	95.1	464.36	41.7	10.67
730.6	683.1	47.5	6.5	August	655.5	148.7	96.6	472.81	42.2	10.73
730.7	679.0	47.7	6.6	September	663.5	149.1	97.2	476.84	42.5	10.80
733.0	685.2	45.7	6.0	October	665.5	149.2	97.1	479.80	42.5	10.81
730.8	688.2	42.5	5.8	November	667.5	149.4	97.3	476.67	42.3	10.80
730.5	685.0	45.5	6.2	December	669.1	148.0	96.3	472.14	42.1	10.98
				1987						
725.4	677.8	55.6	7.7	January	650.8	146.3	91.8	458.53	42.3	10.84
750	750	750	750	February	655.0	147.5	94.0	468.15	42.3	11.07

(p) Preliminary (nsa) Not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CINCINNATI PRIMARY METROPOLITAN STATISTICAL AREA



Cincinnati PMSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[a] (in thousands)	
	February 1987[b]	January 1987[r]	February 1986[r]	From Last Month	From Last Year
TOTAL	655.0	650.8	629.3	4.2	25.7
MANUFACTURING	147.7	144.3	143.8	3.4	3.9
Durable Goods[c]	81.8	78.7	80.3	3.1	1.5
Fabricated metal products	15.8	15.3	15.8	.5	.0
Fabricated structural metal products	4.2	4.1	4.3	.1	-.1
Machinery, except electrical	20.7	19.8	21.0	.9	-.3
Metalworking machinery	8.1	8.2	8.4	-.1	-.3
General industrial machinery	2.7	2.7	2.7	.0	.0
Electric and electronic equipment	7.2	7.2	7.1	.0	.1
Transportation equipment	25.8	26.1	25.1	-.3	.7
Motor vehicles and equipment	6.4	6.8	6.7	-.4	-.3
Nondurable Goods	65.9	65.6	63.5	.3	2.4
Food and kindred products	12.8	13.0	12.7	-.2	.1
Beverages	3.7	3.8	3.8	-.1	-.1
Apparel and other textile products	3.6	3.6	3.7	.0	-.1
Paper and allied products	6.6	6.6	6.6	.0	.0
Printing and publishing	13.1	12.8	12.9	.3	.2
Commercial printing	5.6	5.4	5.6	.2	.0
Chemicals and allied products	22.2	22.2	21.9	.0	.3
Rubber and misc. plastics products	5.4	5.5	5.1	-.1	.3
NONMANUFACTURING	507.3	506.5	485.5	.8	21.8
CONSTRUCTION	24.2	23.0	21.6	1.2	2.6
TRANSPORTATION AND PUBLIC UTILITIES	34.0	33.7	32.8	.3	1.2
Trucking and warehousing	9.1	8.9	8.8	.2	.3
Communication, electric, gas services	15.3	15.2	14.7	.1	.6
WHOLESALE TRADE	43.9	43.8	41.6	.1	2.3
Wholesale trade-durable goods	26.3	26.2	25.2	.1	1.1
RETAIL TRADE	122.6	124.4	118.5	-1.8	4.1
General merchandise stores	16.5	16.7	17.0	-.2	-.5
FINANCE, INSURANCE, AND REAL ESTATE	36.9	36.7	34.9	.2	2.0
Banking	8.2	8.2	8.1	.0	.1
Insurance carriers	12.7	12.7	12.3	.0	.4
SERVICES	156.3	154.5	144.6	1.8	11.7
Hotels and other lodging places	6.1	6.0	5.9	.1	.2
Personal services	8.4	8.7	7.9	-.3	.5
Business services	36.2	35.7	32.7	.5	3.5
Amusement and recreation services	5.9	5.8	5.2	.1	.7
Health services	50.4	50.1	47.9	.3	2.5
Hospitals	24.3	24.0	23.9	.3	.4
GOVERNMENT	87.6	86.1	85.7	1.5	1.9
Federal government	14.5	13.9	14.4	.7	.1
State government	19.4	19.1	19.6	.3	-.2
State government education	11.5	11.2	12.0	.3	-.5
State government except education	8.0	8.0	7.6	.0	.4
Local government	53.6	53.1	51.7	.5	1.9
Local government education	32.3	31.7	30.5	.6	1.8
Local government except education	21.3	21.4	21.2	-.1	.1

Cincinnati PMSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	February 1987[p]	January 1987[r]	February 1986[r]	Feb. 1987[p]	Jan. 1987[r]	Feb. 1986[r]	Feb. 1987[p]	Jan. 1987[r]	Feb. 1986[r]
MANUFACTURING	$466.15	$459.53	$447.22	42.3	41.7	41.2	$11.02	$11.02	$10.86
Durable Goods[f]	476.75	461.17	451.86	42.8	42.3	42.1	11.14	10.90	10.73
Fabricated metal products	394.67	407.40	369.43	41.0	42.8	38.7	9.63	9.52	9.55
Fabricated structural metal products	395.79	412.18	362.87	40.4	41.9	37.7	9.80	9.84	9.62
Machinery, except electrical	422.31	418.46	413.26	42.8	42.7	42.6	9.87	9.80	9.70
Metal working machinery	472.85	467.32	465.85	43.0	43.4	44.0	11.00	10.77	10.59
General industrial machinery	418.54	412.44	367.60	44.4	43.8	41.3	9.43	9.42	8.90
Electric and electronic equipment	335.47	347.77	361.41	39.4	41.4	39.8	8.51	8.40	9.08
Transportation equipment	686.46	686.29	647.65	46.6	46.6	45.5	14.73	14.73	14.23
Motor vehicles and equipment	676.40	701.05	702.47	43.6	44.8	46.3	15.51	15.65	15.17
Nondurable Goods	453.82	456.36	436.15	41.8	41.1	41.3	10.86	11.10	10.56
Food and kindred products	486.17	481.74	439.82	43.8	43.0	40.3	11.10	11.20	10.91
Beverages	543.56	544.36	487.83	46.8	47.3	45.4	11.61	11.51	10.75
Apparel and other textile products	223.73	238.28	205.43	37.8	39.3	36.5	5.92	6.06	5.63
Paper and allied products	424.37	409.53	401.86	40.4	39.1	41.0	10.50	10.48	9.80
Printing and publishing	472.02	465.47	462.32	40.4	40.0	39.4	11.68	11.64	11.73
Commercial printing	530.38	521.20	481.20	43.4	44.0	41.4	12.22	11.85	11.62
Chemicals and allied products	513.76	526.25	528.75	41.6	42.3	42.1	12.34	12.44	12.56
Rubber and misc. plastics products	390.85	402.56	391.62	42.4	41.9	44.7	9.19	9.61	8.76
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	521.47	523.64	480.59	39.3	39.7	39.4	13.27	13.19	12.20
WHOLESALE TRADE	376.36	378.28	373.73	41.6	41.3	40.1	9.05	9.16	9.32
RETAIL TRADE[f]	159.61	153.61	155.78	28.3	28.4	28.4	5.64	5.41	5.49
FINANCE, INSURANCE AND REAL ESTATE	.....	.....	.....	....	....	....	.....	.....	.....
Banking	259.38	261.17	247.29	....	....	....	.....	.....	.....

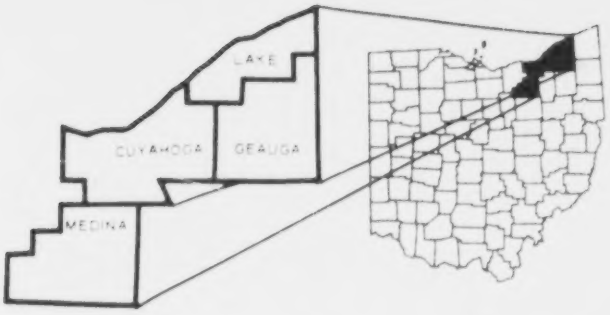
[a]See Technical Notes for concepts. [p]Preliminary. [r]Revised. [f]Based on unrounded figures. [g]Includes lumber and wood products; furniture and fixtures; stone, clay and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing industries; tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [h]Includes mining. [i]Money payments only; not included. [j]Includes State universities. Excludes hospitals, the agricultural extension service and the Ohio Department of Education. Depressed due to labor-management disputes.

Selected Administrative Program Activities[a]

	February 1987	January 1987	February 1986
Employment Service Program			
New Applicants	3,034	2,802	3,077
Active File of Job Seekers	25,382	25,144	30,474
Referrals to Jobs	2,127	2,114	2,704
Placements	428	422	447
Job Openings Received	930	1,182	816
Job Openings Unfilled	1,482	1,539	1,437
Unemployment Insurance Program			
Initial Claims	5,862	10,513	8,242
Continued Claims	54,283	64,267	53,905
First Payments	4,015	3,910	3,281
Last Payments	715	626	630
Weeks Compensated	45,434	45,932	45,938
Benefits Paid	$6,569,897	$6,837,208	$6,647,562
Average Weekly Payment	$147.21	$151.77	$144.77

[a]Ohio data only

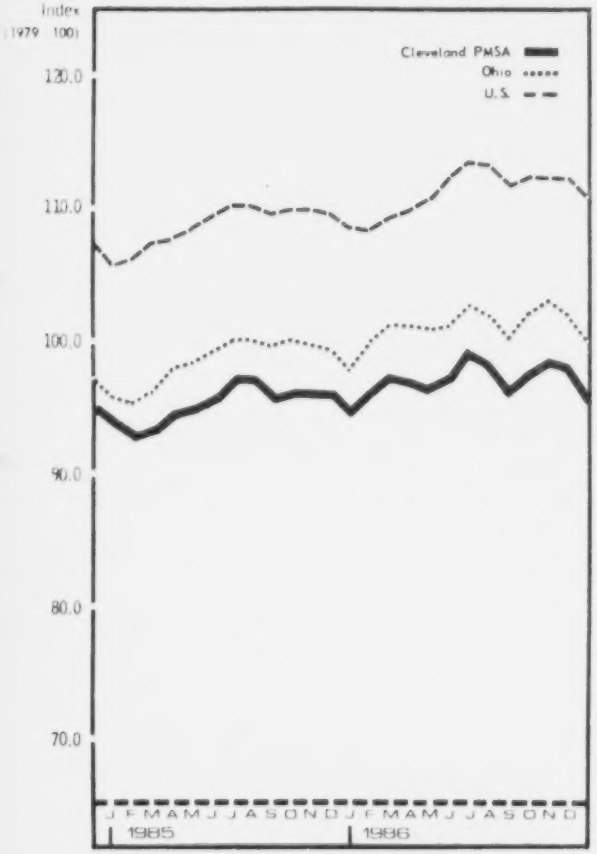
CLEVELAND
PRIMARY METROPOLITAN STATISTICAL AREA



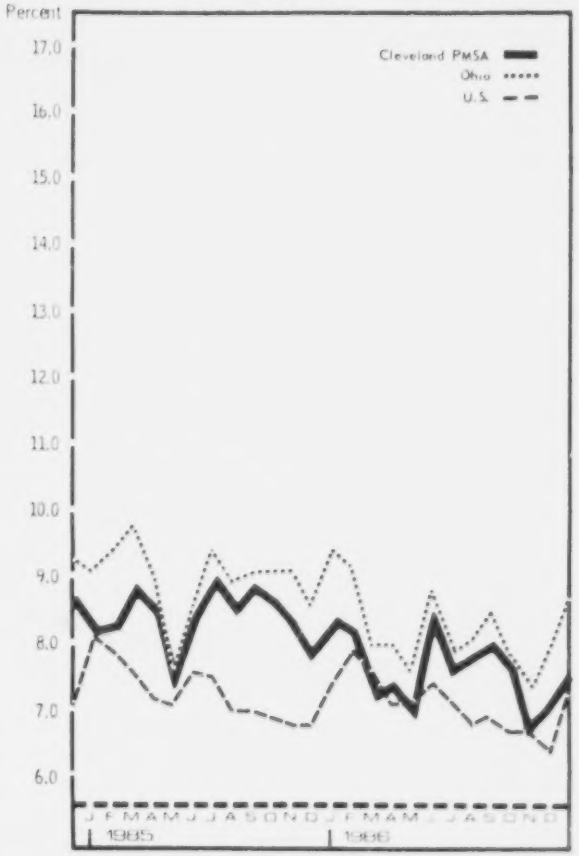
Nonfarm wage and salary employment in the Cleveland area declined 1,200 from the January level to 876,400 in February. Nonmanufacturing employment fell 1,000, to 672,600. Seasonal reductions in retail trade and construction overshadowed growth in local schools and services. Manufacturing employment, at 203,700, was just 200 lower due to scattered decreases in durable-goods industries. Factory production workers earned an average of $11.68 per hour, little changed from January. Their average workweek was .6 hours shorter, at 42.5 hours.

Nonagricultural wage and salary employment increased 19,400 since February 1986. Although nearly all nonmanufacturing industries recorded gains, major growth occurred in services, especially business and health services; retail trade; and finance, insurance, and real estate. Manufacturing employment decreased 1,800 during the period. Losses were registered in instruments and related products, electric and electronic equipment, and nonelectrical machinery.

INDEXES OF TOTAL EMPLOYMENT
CLEVELAND PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CLEVELAND PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



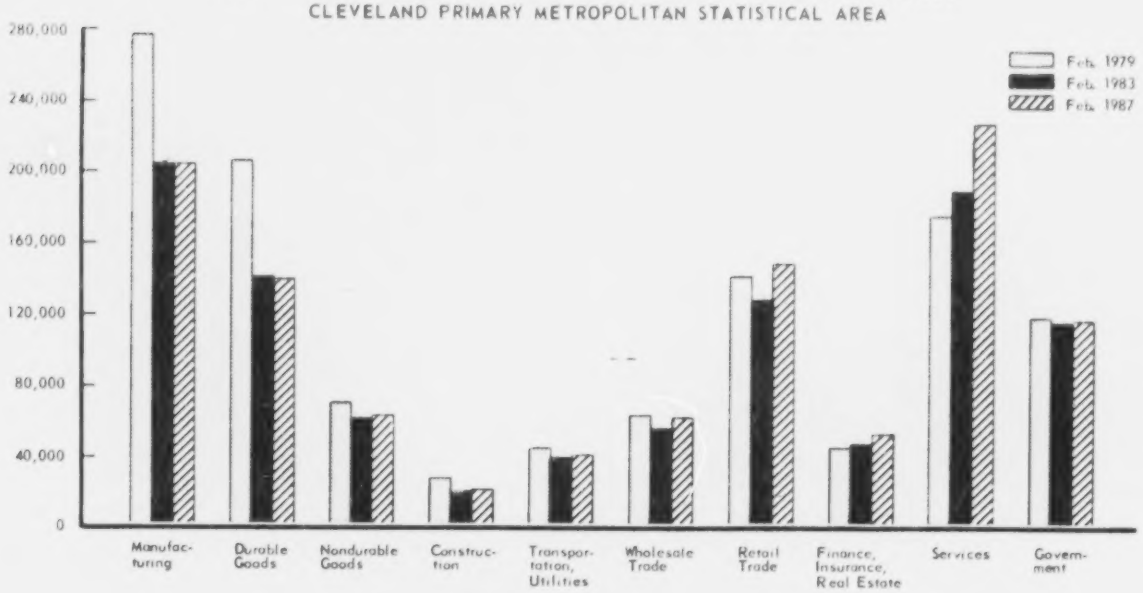
Cleveland PMSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed				Manufacturing Employment					
		Unemployed				Manufacturing Production Workers				
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
897.7	834.4	63.3	7.0	1978	860.0	265.1	180.9	$260.62	41.9	$ 6.22
908.5	854.4	54.0	5.9	1977	880.9	270.8	184.0	292.75	42.8	6.84
901.7	876.5	44.2	4.7	1978	905.8	275.6	188.0	321.75	42.9	7.50
935.8	889.1	46.7	5.0	1979	915.8	276.3	188.6	337.60	42.2	8.00
957.1	869.1	68.0	7.3	1980	895.7	254.9	169.2	350.38	40.6	8.63
933.9	854.0	79.8	8.5	1981	880.7	246.8	161.8	366.38	41.1	8.92
933.4	833.2	100.2	10.7	1982	844.6	223.0	141.8	402.99	39.3	10.10
928.7	823.4	105.3	11.3	1983	829.8	207.3	132.4	427.41	40.4	10.45
923.8	841.0	82.8	8.9	1984	854.5	213.8	137.5	456.12	41.8	10.86
922.1	840.5	76.6	8.3	1985	868.7	211.2	135.3	467.74	41.8	11.19
934.3	864.1	70.2	7.5	1986	880.8	205.5	132.0	481.62	41.1	11.64
				1986						
915.0	839.3	75.7	8.3	January	859.3	208.8	133.2	474.01	41.8	11.34
930.3	855.3	75.0	8.1	February	857.0	205.5	132.5	477.24	41.8	11.39
932.5	866.1	66.5	7.1	March	860.7	205.5	132.7	487.60	42.4	11.50
929.7	862.1	67.6	7.3	April	874.0	206.3	133.3	479.76	41.9	11.45
919.8	857.4	62.4	6.8	May	880.6	208.1	133.2	472.69	41.5	11.39
944.5	865.6	78.9	8.4	June	890.8	207.4	133.4	480.36	42.1	11.41
954.5	881.1	73.5	7.8	July	889.6	204.7	130.6	456.75	41.6	11.25
945.4	872.8	72.6	7.7	August	887.6	204.1	130.2	479.94	42.1	11.40
925.5	851.0	73.5	7.9	September	889.4	205.5	131.6	485.18	42.4	11.44
933.0	860.2	70.8	7.5	October	890.6	203.8	129.8	480.36	42.1	11.41
936.3	877.3	62.0	6.6	November	893.9	205.2	131.4	508.39	43.1	11.81
935.9	870.4	65.5	7.0	December	898.5	205.4	131.6	505.61	43.4	11.65
				1987						
918.9	851.2	68.7	7.5	January	877.6	203.9	130.6	503.84	43.1	11.69
NA	NA	NA	NA	February	876.4	203.7	130.4	498.40	42.8	11.68

NA = Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CLEVELAND PRIMARY METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[3]

	Employment (in thousands)			Change[2] (in thousands)	
	February 1987[1]	January 1987[1]	February 1986[1]	From Last Month	From Last Year
TOTAL	879.4	877.0	867.3	2.4	12.1
MANUFACTURING	293.7	292.9	286.1	.8	7.6
Durable Goods[4]	193.2	192.7	184.1	.5	9.1
Primary metal industries	20.2	20.1	21.3	.1	-1.1
Iron and steel foundries	6.3	6.3	6.7	.0	-.4
Fabricated metal products	32.7	32.6	32.1	.1	.6
Fabricated structural metal products	7.7	7.7	8.0	.0	-.3
Screw machine products, bolts, etc.	4.7	4.7	4.7	.0	.0
Metal forgings and stampings	11.3	11.3	11.4	.0	-.1
Machinery, except electrical	35.1	35.4	34.7	-.3	.4
Construction and related machinery	2.3	2.3	2.5	.0	-.2
Metalworking machinery	9.0	10.0	10.1	-1.0	-1.1
Special industry machinery	3.5	3.5	3.3	.0	.2
General industrial machinery	2.9	2.8	2.7	.1	.2
Electric and electronic equipment	19.3	19.2	17.4	.1	1.9
Electrical industrial apparatus	6.8	6.8	6.4	.0	.4
Transportation equipment	79.4	79.7	74.6	-.3	4.8
Motor vehicles and equipment	12.6	12.6	12.6	.0	.0
Instruments and related products	6.6	6.5	6.7	.1	-.1
Measuring and controlling devices	4.1	4.2	4.1	-.1	.0
Nondurable Goods	64.5	64.5	61.8	.0	2.7
Food and kindred products	6.9	6.9	6.8	.0	.1
Apparel and other textile products	4.7	4.7	4.5	.0	.2
Paper and allied products	5.8	5.8	5.8	.0	.0
Printing and publishing	16.7	16.7	15.9	.0	.8
Chemicals and allied products	14.7	14.8	14.0	-.1	.7
Rubber and misc. plastics products	11.9	11.9	11.1	.0	.8
NONMANUFACTURING	672.8	673.7	655.6	-.9	17.2
CONSTRUCTION	21.9	22.8	20.7	-.9	1.2
TRANSPORTATION AND PUBLIC UTILITIES	41.2	41.1	40.4	.1	.8
Trucking and warehousing	11.8	11.8	11.7	.0	.1
Communication, electric, gas services	16.7	16.8	16.7	-.1	.0
WHOLESALE TRADE	62.1	62.3	61.8	-.2	.3
Wholesale trade, durable goods	42.0	42.3	43.1	-.3	-1.1
RETAIL TRADE	147.4	148.7	147.3	-1.3	.1
General merchandise stores	20.7	21.1	19.8	-.4	.9
FINANCE, INSURANCE, AND REAL ESTATE	63.1	63.1	60.9	.0	2.2
Banking	13.2	13.2	12.9	.0	.3
Credit agencies other than banks	8.0	8.0	8.0	.0	.0
Insurance carriers	12.9	12.9	12.3	.0	.6
SERVICES	227.1	226.6	215.1	.5	12.0
Business services	51.0	50.8	47.3	.2	3.7
Amusement and recreation services	6.6	6.0	6.1	.6	.5
Health services	73.6	73.4	69.2	.2	4.4
Hospitals	42.4	42.4	38.9	.0	3.5
GOVERNMENT	117.7	118.1	118.7	-.4	-1.0
Federal government	20.1	20.1	19.9	.0	.2
State government	8.5	8.4	8.1	.1	.4
State government education	3.2	3.1	3.1	.1	.1
State government except education	5.3	5.3	5.0	.0	.3
Local government	88.9	89.6	90.7	-.7	-1.8
Local government education	43.9	42.4	43.7	1.5	.2
Local government except education	45.0	46.2	46.9	-1.2	-1.9

Hours & Earnings of Production or Nonsupervisory Workers[a]

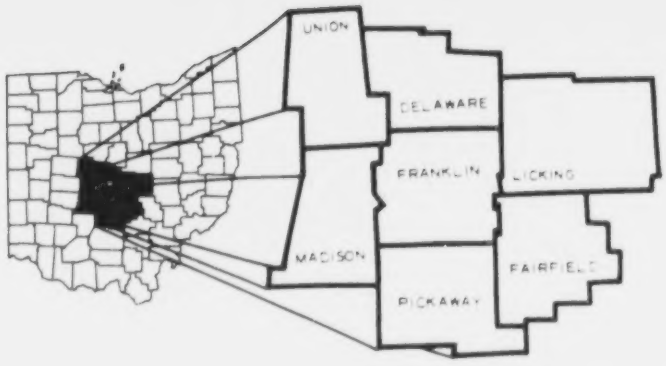
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	February 1987[r]	January 1987[r]	February 1986[p]	Feb. 1987[r]	Jan. 1987[r]	Feb. 1986[p]	Feb. 1987[r]	Jan. 1987[r]	Feb. 1986[p]
MANUFACTURING									
Durable Goods[c]									
Primary metal industries									
Iron and steel foundries									
Fabricated metal products									
Fabricated structural metal products									
Screw machine products, bolts, etc.									
Metal forgings and stampings									
Machinery, except electrical									
Construction and related machinery									
Metalworking machinery									
Special industry machinery									
General industrial machinery									
Electric and electronic equipment									
Electrical industrial apparatus									
Transportation equipment									
Motor vehicles and equipment									
Instruments and related products									
Measuring and controlling devices									
Nondurable Goods									
Food and kindred products									
Apparel and other textile products									
Paper and allied products									
Printing and publishing									
Chemicals and allied products									
Rubber and misc. plastics products									
TRANSPORTATION AND PUBLIC UTILITIES									
Communication, electric, gas services									
WHOLESALE TRADE									
RETAIL TRADE[c]									
FINANCE, INSURANCE, AND REAL ESTATE									
Banking									
SERVICES									
Health services									
Hospitals									

[a]See Technical Notes for concepts. [p]Preliminary. [r]Revised. [b]Based on unrounded figures. [c]Includes other durable and wood products; stone, clay, glass products; miscellaneous manufacturing. [d]Includes tobacco manufactures, textile mill products, petroleum and coal products, rubber and leather products. [e]Includes mining. [f]Money payments only; tips not included. [g]Includes State unemployment. Excludes the agricultural extension service and the Ohio Department of Education. [h]Depressed due to labor-management dispute.

Selected Administrative Program Activities

	February 1987	January 1987	February 1986
Employment Service Program			
New Applicants			
Active File of Job Seekers			
Referrals to Jobs			
Placements			
Job Openings Received			
Job Openings Unfilled			
Unemployment Insurance Program			
Initial Claims			
Continued Claims			
First Payments			
Last Payments			
Weeks Compensated			
Benefits Paid			
Average Weekly Payment			

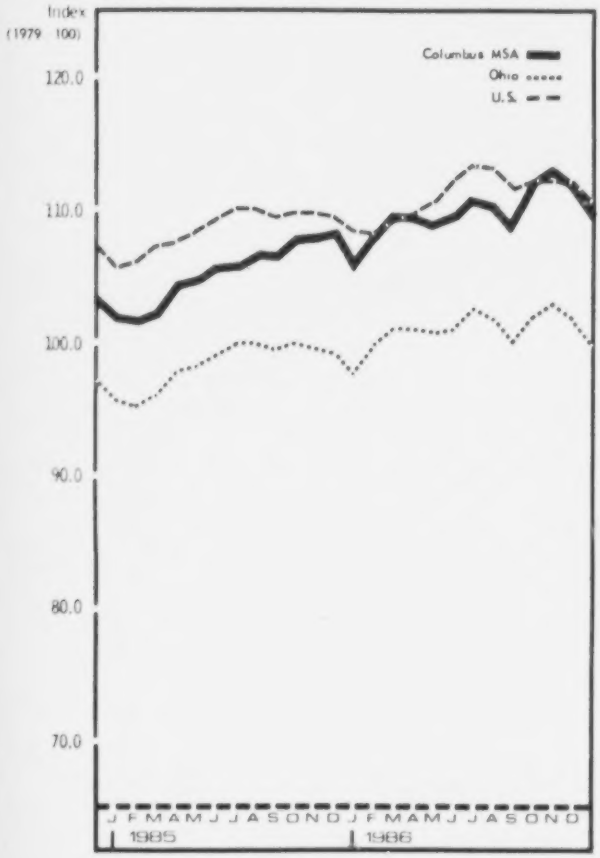
COLUMBUS METROPOLITAN STATISTICAL AREA



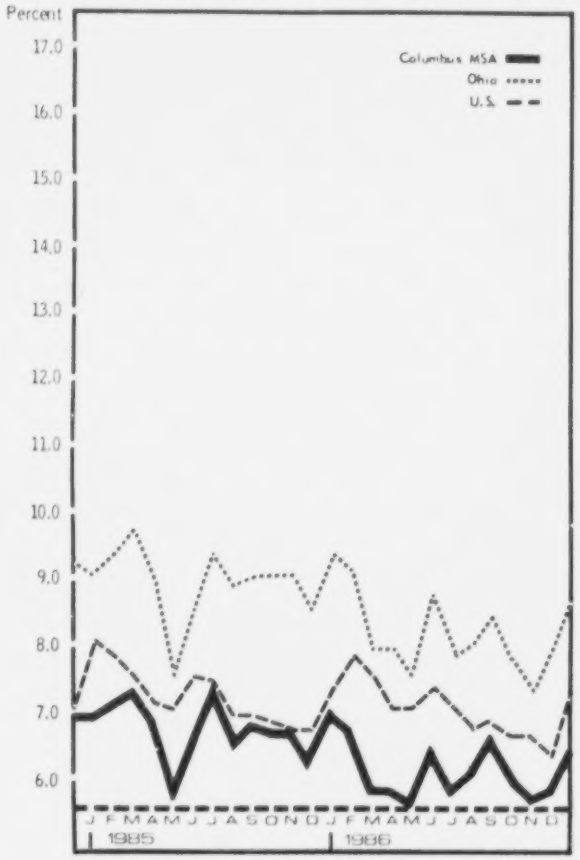
Nonfarm wage and salary employment in the Columbus area rose 600 from January, to 638,500. Nonmanufacturing employment increased 1,500, with growth in services, transportation and public utilities, and seasonal returns of nonfaculty school personnel more than offsetting seasonal declines in retail trade and construction. Manufacturing was down 900, due to scattered losses in durable goods. Production workers in manufacturing worked an average of 40.8 hours per week, down .4 hours. Their average hourly earnings were $11.36, down $.10.

Since February 1986, nonfarm employment rose 28,700. Although all nonmanufacturing industries recorded gains, significant growth was noted in services, retail trade, government, and finance, insurance, and real estate. Manufacturing was down 1,400 with losses in fabricated metal products, nonelectrical machinery, electric and electronic equipment, and stone, clay, and glass products.

INDEXES OF TOTAL EMPLOYMENT
COLUMBUS MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
COLUMBUS MSA, OHIO, AND U.S. (Not Seasonally Adjusted)

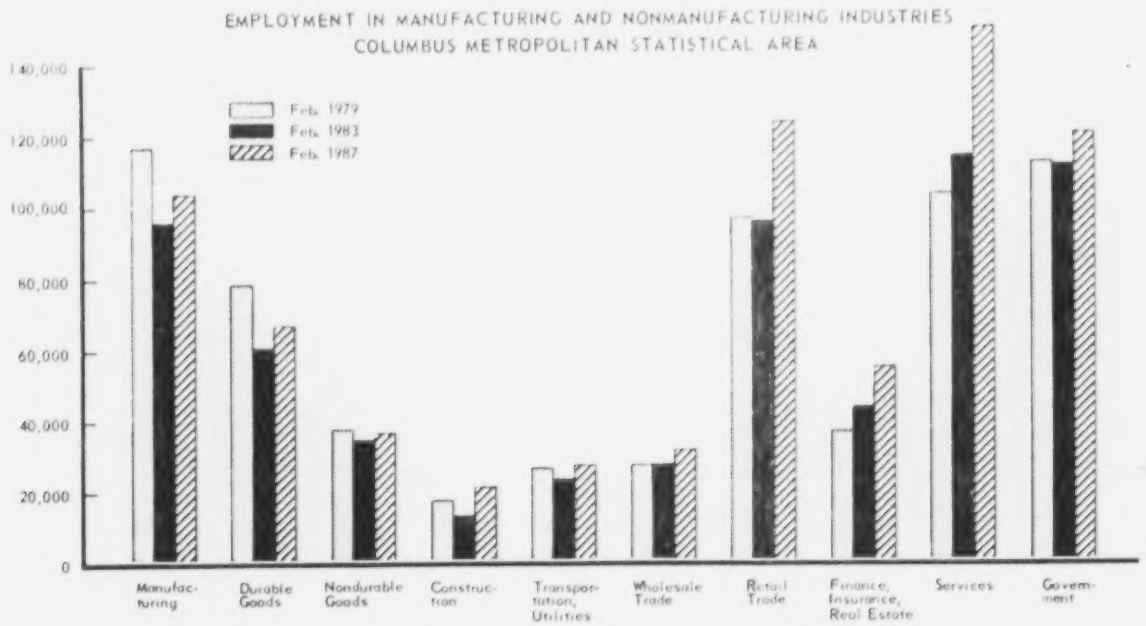


Columbus MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Manufacturing Weekly Employment					
	Total Employed	Unemployed				Manufacturing Employment				
		Total	Rate				Manufacturing Production Workers			
							Hours and Earnings			
							Average Weekly Hours	Average Weekly Earnings	Average Hourly Earnings
INA	INA	INA	INA	1976	500.0	108.1	INA	INA	INA	INA
INA	INA	INA	INA	1977	517.6	113.6	INA	INA	INA	INA
INA	INA	INA	INA	1978	541.2	117.0	INA	INA	INA	INA
INA	INA	INA	INA	1979	558.5	117.8	INA	INA	INA	INA
INA	INA	INA	INA	1980	560.2	112.6	INA	INA	INA	INA
INA	INA	INA	INA	1981	556.9	109.1	INA	INA	INA	INA
INA	INA	INA	INA	1982	544.0	101.0	INA	INA	INA	INA
647.7	587.4	60.3	9.3	1983	548.5	98.7	INA	INA	INA	INA
633.5	589.3	45.2	7.8	1984	576.4	104.7	41.3	$426.33	10.32	$10.32
650.4	608.7	41.7	6.7	1985	603.6	109.1	41.8	455.38	10.89	10.93
679.7	634.4	41.3	6.1	1986	630.4	113.2	42.7	481.14	11.31	11.32
				1985						
668.8	611.6	46.2	7.0	January	603.4	108.1	41.3	456.90	11.13	11.08
668.5	624.0	44.5	6.7	February	610.3	105.9	41.8	455.46	11.13	11.09
672.5	633.2	38.2	5.8	March	613.4	108.2	42.4	460.50	11.13	11.15
671.3	632.2	39.1	5.8	April	624.3	108.6	42.3	460.44	11.16	11.17
667.4	629.7	37.7	5.6	May	630.2	108.3	42.9	461.44	11.21	11.23
676.8	632.7	44.1	6.5	June	634.1	108.2	42.9	460.43	11.21	11.23
679.6	640.1	39.5	5.8	July	628.0	108.1	42.3	458.18	11.23	11.23
679.2	637.7	41.5	6.1	August	631.9	108.3	42.6	461.68	11.21	11.26
671.2	626.7	44.4	6.6	September	630.6	107.4	42.5	460.88	11.23	11.28
687.8	647.1	40.7	5.9	October	645.0	108.2	42.5	459.86	11.18	11.27
691.1	652.3	38.7	5.6	November	648.7	108.1	42.6	467.33	11.23	11.33
686.7	646.6	40.0	5.8	December	650.5	108.9	42.4	470.79	11.24	11.42
				1987						
676.2	633.2	43.1	6.4	January	637.9	109.1	42.9	472.15	11.23	11.46
INA	INA	INA	INA	February	638.2	106.2	41.8	463.49	11.18	11.38

(INA = Information not available)



Columbus MSA

Nonagricultural Wage & Salary Employment[3]

	Employment (in thousands)			Change[4] (in thousands)	
	February 1987[5]	January 1987[5]	February 1986[5]	From Last Month	From Last Year
TOTAL	636.5	637.9	610.0	-.6	26.7
MANUFACTURING	104.2	105.1	105.9	-.9	-1.7
Durable Goods[1]	87.3	88.4	89.8	-1.1	-2.5
Stone, clay, and glass products	11.0	11.1	11.5	-.0	-.4
Glass and glassware, pressed or blown	4.5	4.5	4.5	.1	.1
Fabricated metal products	9.4	9.5	10.6	-.1	-1.1
Fabricated structural metal products	2.8	2.8	3.1	.0	-.3
Machinery, except electrical	9.3	9.4	9.7	-.1	-.4
Electric and electronic equipment	10.9	11.2	11.5	-.3	-.6
Transportation equipment	15.5	16.0	15.5	-.4	.0
Instruments and related products	4.0	4.0	4.3	.0	-.3
Nondurable Goods	16.9	16.7	16.1	.2	.8
Food and kindred products	10.1	10.0	9.7	.1	.4
Printing and publishing	9.6	9.7	9.5	-.1	.1
Chemicals and allied products	7.0	7.1	7.0	-.0	.0
Rubber and misc. plastics products	5.5	5.5	5.4	.0	.1
NONMANUFACTURING	534.3	532.8	504.2	1.5	30.1
CONSTRUCTION	22.3	22.8	19.9	-.5	2.4
TRANSPORTATION AND PUBLIC UTILITIES	27.6	26.9[1]	25.1	.7	2.6
Trucking and warehousing	10.8	10.8	9.8	.1	1.1
Communication, electric, gas services	12.1	12.1	11.4	.0	.7
WHOLESALE TRADE	32.4	32.2	31.4	.2	1.0
Wholesale trade-durable goods	21.2	21.1	20.5	.2	.8
RETAIL TRADE	124.2	125.1	118.3	-.5	4.9
General merchandise stores	17.8	18.2	16.8	-.5	.8
FINANCE, INSURANCE, AND REAL ESTATE	56.1	54.9	51.6	.3	3.8
Banking	11.7	11.8	11.2	-.1	.5
Insurance carriers	21.1	21.0	20.7	.1	.5
SERVICES	150.6	149.5	138.5	1.0	12.0
Business services	33.5	33.6	29.3	-.1	4.2
Health services	39.2	39.0	37.2	.3	2.1
Hospitals	17.1	16.9	16.3	.2	.8
GOVERNMENT	121.2	120.6	117.3	.7	3.9
Federal government	15.5	15.4	15.5	.1	.0
State government	54.2	53.8	51.6	.5	2.6
State government education	23.6	23.4	22.7	.2	.9
State government, except education	30.5	30.3	28.8	.3	1.7
Local government	51.6	51.5	50.3	.1	1.3
Local government education	31.1	31.1	30.1	.1	1.0
Local government, except education	20.4	20.4	20.2	.0	.3

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	February 1987[b]	January 1987[c]	February 1986[c]	Feb. 1987[b]	Jan. 1987[c]	Feb. 1986[c]	Feb. 1987[b]	Jan. 1987[c]	Feb. 1986[c]
MANUFACTURING	$463.49	$472.15	$453.46	40.8	41.2	41.0	$11.36	$11.46	$11.06
Durable Goods[d]	474.10	482.45	464.71	40.8	41.2	40.8	11.62	11.71	11.39
Stone, clay, and glass products	447.76	454.73	462.15	38.5	38.7	39.5	11.63	11.75	11.70
Glass and glassware, pressed or blown	420.04	418.27	438.26	38.5	38.5	39.2	10.91	10.86	11.18
Fabricated metal products	490.05	496.11	488.60	40.4	41.2	40.0	12.13	12.05	12.21
Fabricated structural metal products	431.43	450.50	389.22	39.4	42.3	39.0	10.95	10.65	9.98
Machinery, except electrical	451.52	458.58	399.68	41.5	42.5	39.3	10.88	10.79	10.17
Electric and electronic equipment	435.76	451.27	453.91	39.4	40.4	40.6	11.06	11.17	11.18
Transportation equipment	562.44	578.52	546.12	43.0	43.4	43.9	13.08	13.33	12.44
Instruments and related products	424.56	427.98	372.39	41.3	42.0	39.7	10.28	10.19	9.38
Nondurable Goods[e]	441.46	448.13	427.87	40.8	41.0	41.5	10.82	10.93	10.31
Food and kindred products	428.33	438.78	408.56	40.6	41.2	41.0	10.55	10.65	9.96
Printing and publishing	500.52	510.90	485.41	38.8	39.3	38.4	12.90	13.00	12.64
Chemicals and allied products	541.03	551.68	512.32	42.5	43.1	42.8	12.73	12.80	11.97
Rubber and misc. plastics products	350.28	338.55	353.16	42.0	40.4	43.6	8.34	8.38	8.10
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	544.59	546.35	525.76	40.4	40.6	39.8	13.48	13.49	13.21
WHOLESALE TRADE	342.47	345.98	310.95	37.8	38.4	38.2	9.06	9.01	8.14
RETAIL TRADE[f]	165.48	164.95	167.60	28.0	28.1	28.6	5.91	5.87	5.86
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	.....	.....	.....
Banking	258.31	248.72	238.25	....	....	....	.....	.....	.....
SERVICES	.....	.....	.....	....	....	....	.....	.....	.....
Health services	.....	.....	.....	....	....	....	.....	.....	.....
Hospitals	321.71	321.71	306.00	33.9	33.9	33.7	9.49	9.49	9.08

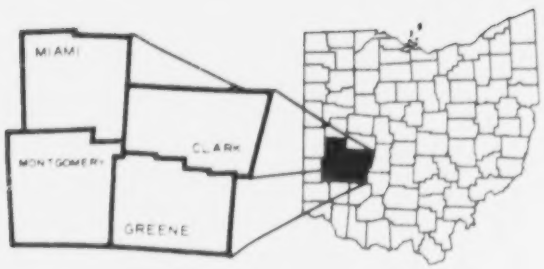
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities, State schools for the deaf and blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	February 1987	January 1987	February 1986
EMPLOYMENT SERVICE PROGRAM			
New Applicants	5,639	7,909[r]	4,839
Active File of Job Seekers	40,238	38,242[r]	44,298
Referrals to Jobs	2,314	2,409	2,068
Placements	514	421	687
Job Openings Received	1,295	1,556	1,451
Job Openings Unfilled	4,469	4,364	8,014
Unemployment Insurance Program			
Initial Claims	5,836	8,729	5,362
Continued Claims	53,364	56,798	55,333
First Payments	3,885	4,271	3,311
Last Payments	533	655	694
Weeks Compensated	45,784	46,682	48,406
Benefits Paid	$6,864,213	$6,934,649	$7,029,088
Average Weekly Payment	$152.83	$152.05	$147.71

[r]Revised.

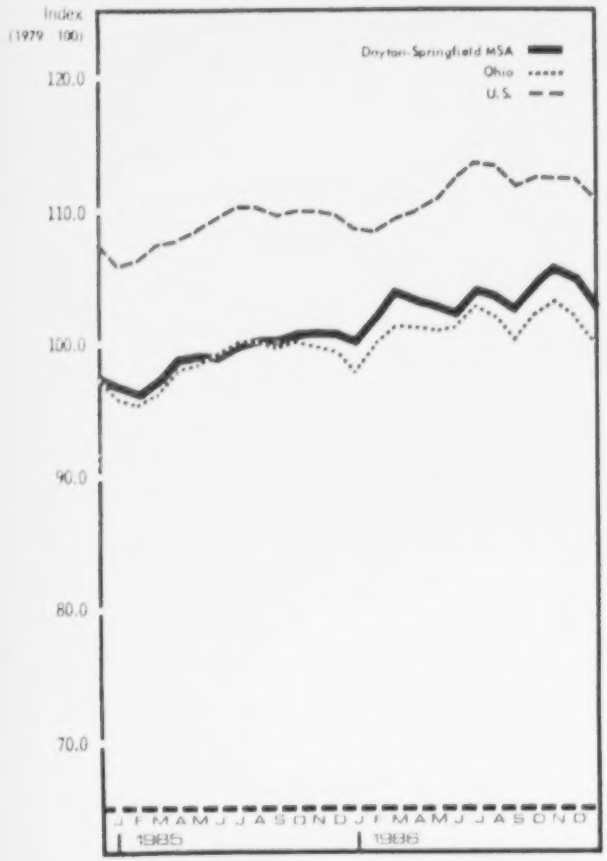
DAYTON - SPRINGFIELD METROPOLITAN STATISTICAL AREA



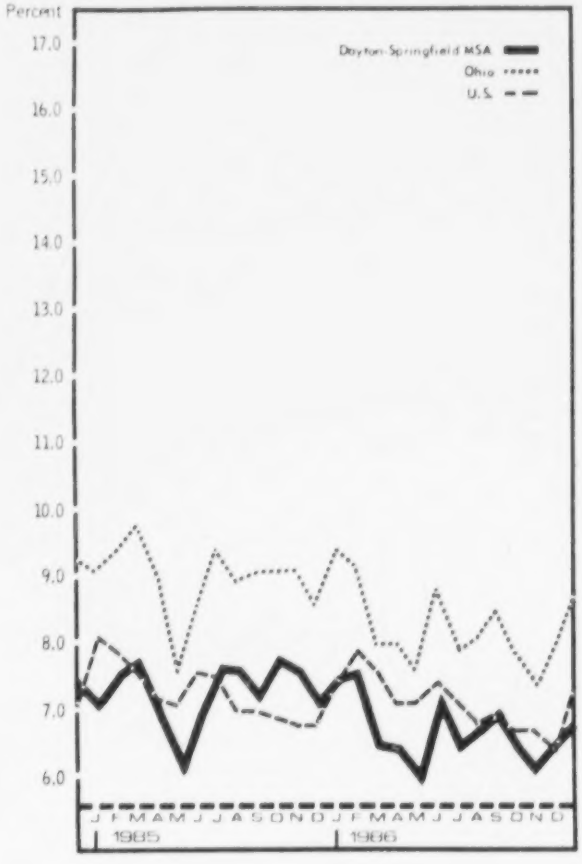
Dayton-Springfield metropolitan area nonagricultural wage and salary employment in February 1987 was 423,400, a slight decrease of 500 from the previous month. Employment in nonmanufacturing was up 200 over the month, to 318,300. The largest increase occurred in services, while employment in retail trade and construction dropped seasonally. Manufacturing employment dipped 800, to 105,000 in February, with declines in durable goods, especially nonelectrical machinery and transportation equipment. Production workers in manufacturing earned $11.97 an hour, up $.06 from January. Their average workweek remained unchanged at 42.0 hours.

From February 1986 to February 1987, Dayton-Springfield nonagricultural wage and salary employment rose 13,300. All nonmanufacturing divisions were up, with services, retail trade, and construction having the largest increases. Manufacturing employment remained unchanged over the year.

INDEXES OF TOTAL EMPLOYMENT
DAYTON-SPRINGFIELD MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
DAYTON-SPRINGFIELD MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



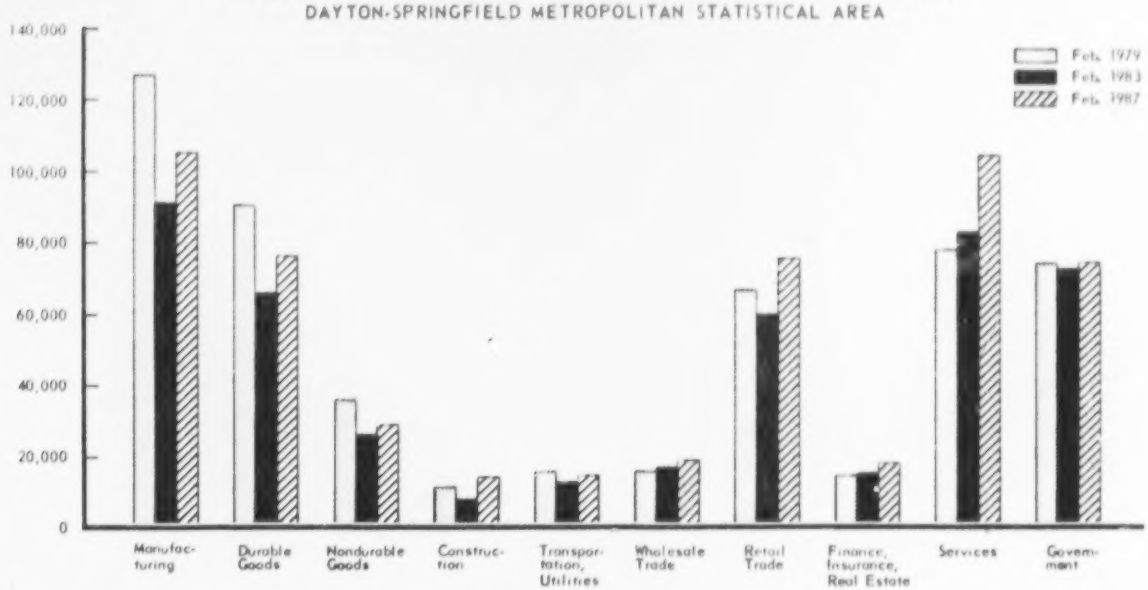
Dayton-Springfield MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1976	370.7	116.3	INA	INA	INA	INA
INA	INA	INA	INA	1977	383.8	121.8	INA	INA	INA	INA
INA	INA	INA	INA	1978	401.1	125.0	INA	INA	INA	INA
INA	INA	INA	INA	1979	408.8	122.5	INA	INA	INA	INA
INA	INA	INA	INA	1980	397.1	110.9	INA	INA	INA	INA
INA	INA	INA	INA	1981	393.2	109.9	INA	INA	INA	INA
INA	INA	INA	INA	1982	374.3	97.3	INA	INA	INA	INA
438.5	391.9	46.6	10.6	1983	372.3	95.5	INA	INA	INA	INA
440.1	404.8	35.2	8.0	1984	392.7	103.7	67.7	$480.90	42.9	$11.21
447.9	415.6	32.3	7.2	1985	408.9	108.3	69.1	517.10	43.2	11.97
462.0	431.6	30.4	6.6	1986	420.9	106.1	68.4	514.88	42.8	12.03
				1986						
451.7	418.4	33.3	7.4	January	409.9	105.3	68.2	534.45	43.7	12.23
461.9	427.3	34.6	7.5	February	410.1	105.1	67.3	532.81	43.8	12.16
463.7	434.1	29.6	6.4	March	413.0	105.5	68.1	529.44	43.4	12.23
460.3	431.5	28.9	6.3	April	418.3	105.3	69.1	510.85	42.5	12.02
455.4	428.8	26.6	5.8	May	421.1	106.2	68.5	515.31	42.8	12.04
459.9	427.4	32.5	7.1	June	420.3	106.6	68.5	518.06	43.1	12.02
463.0	433.8	29.2	6.3	July	417.5	106.2	68.0	511.28	42.5	12.03
465.0	432.5	30.5	6.6	August	420.6	106.5	68.1	502.25	42.1	11.93
459.6	428.0	31.6	6.9	September	427.6	106.8	68.8	516.52	42.9	12.04
467.0	437.8	29.2	6.3	October	429.7	106.4	68.5	502.74	42.0	11.97
470.2	441.9	28.3	6.0	November	431.2	106.3	68.8	505.85	42.4	11.93
468.0	437.9	30.0	6.4	December	432.1	106.5	69.0	509.32	42.8	11.90
				1987						
460.0	421.1	38.9	8.7	January	423.9	105.8	68.4	508.22	42.0	11.93
INA	INA	INA	INA	February	423.4	105.0	67.9	503.74	42.0	11.97

(See explanatory notes)

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
DAYTON-SPRINGFIELD METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Dayton-Springfield MSA

	Employment (in thousands)			Change[a] (in thousands)	
	February 1987[b]	January 1987[c]	February 1986[c]	From Last Month	From Last Year
TOTAL	423.4	423.9	410.1	-.5	13.3
MANUFACTURING	106.0	105.8	105.1	.2	.9
Durable Goods[d]	78.0	78.6	78.7	-.7	-.7
Fabricated metal products	8.3	8.3	8.2	.0	.1
Machinery, except electrical	33.6	33.1	33.2	.5	.4
Metalworking machinery	6.7	6.7	7.0	.0	-.3
General industrial machinery	2.1	2.5	2.6	-.4	-.5
Electric and electronic equipment	6.1	6.1	5.7	.0	.4
Electrical industrial apparatus	3.6	3.5	3.9	.1	-.3
Transportation equipment	21.8	22.5	21.4	-.7	.4
Nondurable Goods[d]	28.1	28.2	28.4	-.1	-.3
Food and kindred products	2.9	2.9	2.7	.0	.2
Paper and allied products	5.8	5.8	5.8	.0	.0
Printing and publishing	8.8	8.8	8.5	.0	.3
Rubber and misc. plastics products	8.5	8..	8.7	-.1	-.2
NONMANUFACTURING	318.3	318.1	305.0	.2	13.4
CONSTRUCTION	14.2	14.6	11.8	-.4	2.4
TRANSPORTATION AND PUBLIC UTILITIES	14.7	14.7	14.2	.0	.5
Communication, electric, gas services	5.9	5.9	5.9	.0	.0
WHOLESALE TRADE	18.8	18.9	18.7	-.2	.1
Wholesale trade-durable goods	12.9	13.0	12.7	-.1	.2
RETAIL TRADE	75.2	76.2	71.3	-1.0	3.9
General merchandise stores	11.2	11.7	11.4	-.5	-.2
FINANCE, INSURANCE, AND REAL ESTATE	17.6	17.6	16.8	.0	.8
Banking	4.3	4.3	4.2	.0	.1
Credit agencies other than banks	4.6	4.6	4.3	.0	.3
Insurance carriers	2.8	2.8	2.9	.0	-.1
SERVICES	103.5	102.5	98.1	1.1	5.3
Business services	25.2	24.8	22.4	.4	2.8
Health services	34.8	34.7	34.2	.1	.7
Hospitals	18.2	18.1	18.0	.1	.2
Educational services	7.2	6.9	7.9	.2	-.7
GOVERNMENT	74.1	73.2	74.0	.8	.1
Federal government	27.5	27.5	28.0	.1	-.4
State government	7.2	6.9	6.8	.3	.4
State government education	4.4	4.1	4.2	.3	.1
State government, except education	2.8	2.8	2.6	.0	.2
Local government	39.4	38.9	39.2	.5	.1
Local government education	25.1	24.6	25.1	.5	.1
Local government, except education	14.3	14.3	14.2	.0	.1

Hours & Earnings of Production or Nonsupervisory Workers[a]

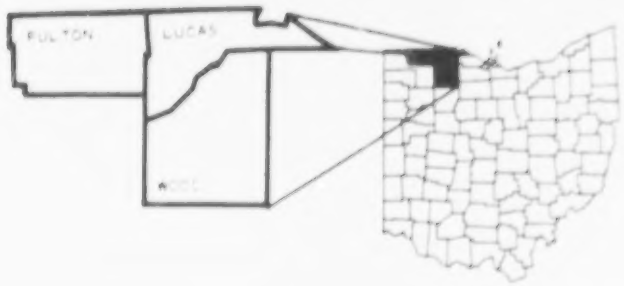
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	February 1987[b]	January 1987[c]	February 1986[c]	Feb. 1987[b]	Jan. 1987[c]	Feb. 1986[c]	Feb. 1987[b]	Jan. 1987[c]	Feb. 1986[c]
MANUFACTURING	$503.74	$506.22	$530.61	42.3	42.0	43.8	$11.91	$12.05	$12.12
Durable Goods[d]	537.20	537.41	550.65	42.1	41.9	44.1	12.19	12.11	12.47
Fabricated metal products	376.93	374.40	376.06	40.6	40.3	41.4	9.31	9.29	9.08
Machinery, except electrical	543.13	544.50	566.58	42.3	42.6	44.7	12.84	12.78	12.67
Metalworking machinery	508.22	516.86	529.96	42.5	43.4	45.8	11.96	11.91	11.57
General industrial machinery	594.79	591.56	609.61	38.4	39.0	40.1	15.49	15.16	15.19
Electric and electronic equipment	414.09	409.38	396.23	41.3	41.4	41.8	9.97	9.89	9.74
Electrical industrial apparatus	492.58	483.55	447.05	45.4	44.3	43.3	10.85	10.77	10.27
Transportation equipment	616.50	651.27	690.48	42.4	41.9	48.8	14.54	14.77	14.86
Nondurable Goods	471.86	477.42	481.66	42.5	42.1	43.4	11.11	11.34	11.30
Food and kindred products	360.39	350.87	370.70	42.7	43.1	44.8	8.44	8.14	8.28
Paper and allied products	532.77	505.04	463.08	46.8	47.8	45.4	11.38	10.57	10.20
Printing and publishing	426.66	412.56	432.95	39.8	38.7	40.9	10.72	10.66	10.59
Rubber and misc. plastics products	570.44	577.74	607.74	40.7	40.8	41.8	14.01	14.24	14.47
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	615.08	614.04	614.78	35.2	35.3	35.6	17.14	17.08	17.26
WHOLESALE TRADE	398.50	396.80	380.70	40.1	40.0	40.5	9.94	9.92	9.40
RETAIL TRADE[e]	155.38	153.14	154.08	27.5	27.2	28.8	5.65	5.63	5.35
SERVICES	.....	.....	.....	....	....	....	.....	.....	.....
Health services	.....	.....	.....	....	....	....	.....	.....	.....
Hospitals	383.63	381.85	331.34	34.5	34.4	33.2	20.84	20.63	9.98

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	February 1987	January 1987	February 1986
Employment Service Program			
New Applicants	2,855	2,978	3,241
Active File of Job Seekers	25,685	25,114	32,835
Referrals to Jobs	1,312	1,179	1,247
Placements	304	205	228
Job Openings Received	723	1,000	540
Job Openings Unfilled	1,518	1,432	892
Unemployment Insurance Program			
Initial Claims	3,238	5,174	2,883
Continued Claims	34,746	37,528	39,000
First Payments	2,722	2,418	2,596
Last Payments	364	472	351
Weeks Compensated	31,081	30,687	36,701
Benefits Paid	$4,403,600	$4,254,846	$5,107,405
Average Weekly Payment	$144.19	$141.72	$143.97

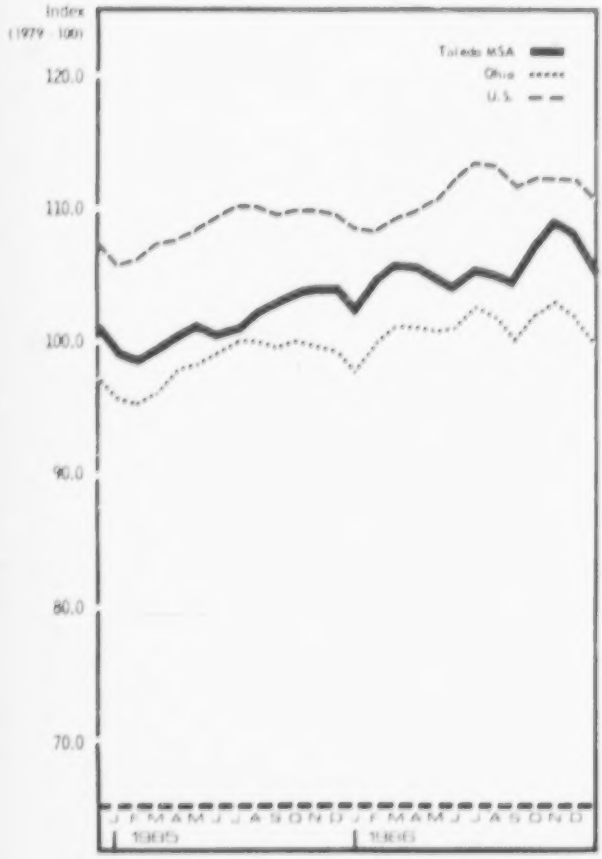
TOLEDO
METROPOLITAN STATISTICAL AREA



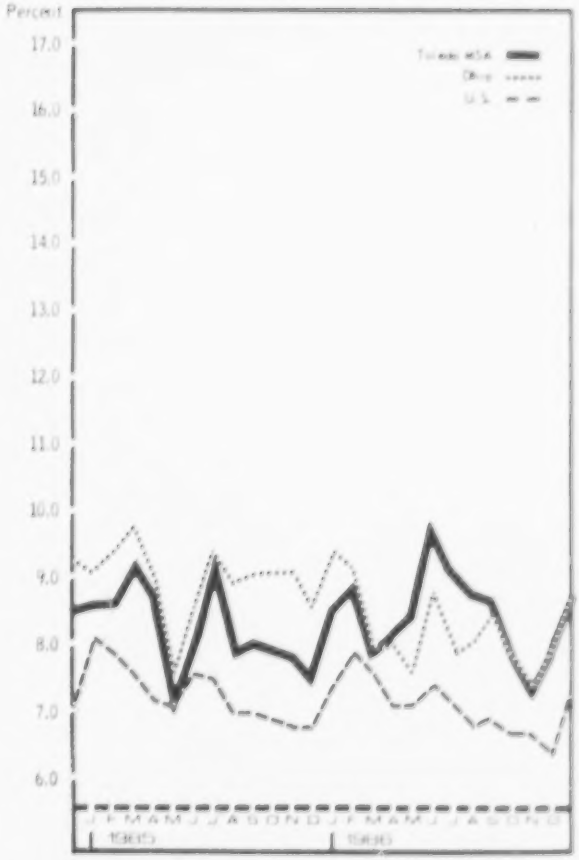
Nonagricultural wage and salary employment in the Toledo metropolitan area increased by 400 from last month, to a February level of 276,900. Nonmanufacturing employment increased by 700, to 214,200. Seasonal declines in retail trade and construction were more than offset by rising employment in services and the return of nonteaching personnel in state government education. Manufacturing employment declined slightly, to 62,700. Production workers in manufacturing worked an average of 43.1 hours per week, down .4 hours from January. They earned $12.69 an hour, a loss of $.06 from last month.

Between February 1986 and February 1987, Toledo nonagricultural wage and salary employment rose 11,300. This improvement occurred in the nonmanufacturing sector, with services, especially health services, showing the largest gains. Manufacturing employment declined by 1,100 over the year. Losses in transportation equipment and stone, clay, and glass products overshadowed gains in other durable- and nondurable-goods industries.

INDEXES OF TOTAL EMPLOYMENT
TOLEDO MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
TOLEDO MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



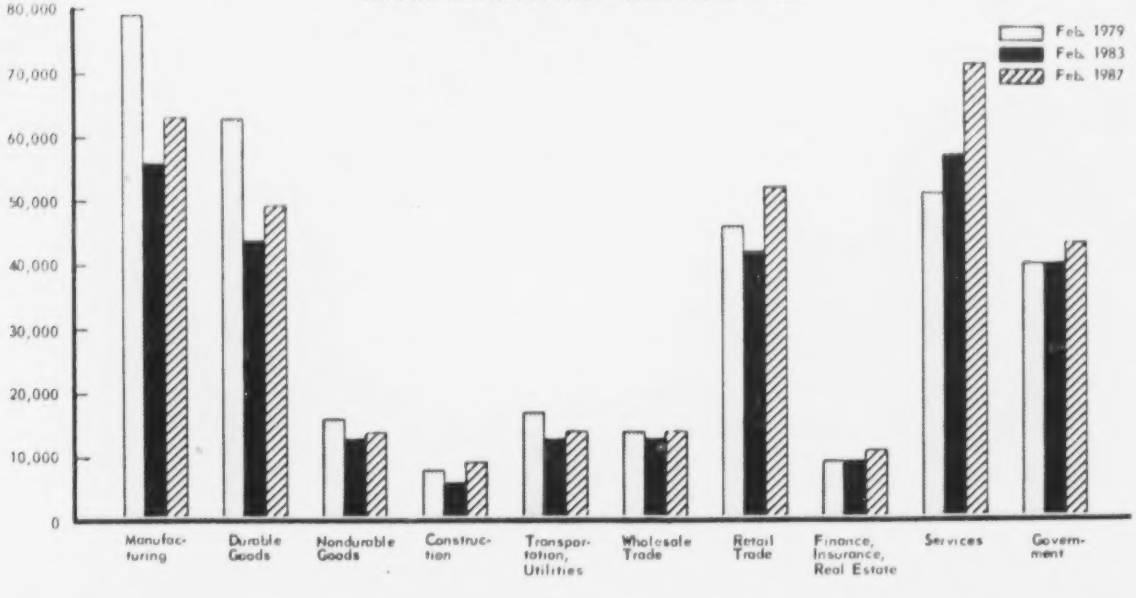
Toledo MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1976	248.3	74.5	INA	INA	INA	INA
INA	INA	INA	INA	1977	256.3	77.2	INA	INA	INA	INA
INA	INA	INA	INA	1978	264.7	79.4	INA	INA	INA	INA
INA	INA	INA	INA	1979	268.2	77.4	INA	INA	INA	INA
INA	INA	INA	INA	1980	257.0	66.4	INA	INA	INA	INA
INA	INA	INA	INA	1981	254.2	65.8	INA	INA	INA	INA
INA	INA	INA	INA	1982	244.4	60.2	INA	INA	INA	INA
289.2	256.1	33.1	11.4	1983	245.3	59.6	INA	INA	INA	INA
293.5	267.3	26.2	8.9	1984	257.0	64.8	45.7	$502.42	43.2	$11.63
295.5	271.3	24.2	8.2	1985	264.5	65.7	46.2	523.55	42.6	12.29
308.0	282.2	25.9	8.4	1986	273.0	63.6	44.4	527.03	42.4	12.43
				1986						
288.6	273.2	25.4	8.5	January	265.8	65.2	46.1	532.39	42.9	12.41
307.1	280.0	27.1	8.8	February	265.7	63.8	44.5	538.68	42.9	12.51
306.5	282.7	23.8	7.8	March	266.3	62.9	43.5	529.31	42.7	12.41
301.8	281.8	24.9	8.1	April	271.2	63.7	44.2	516.23	41.8	12.35
305.0	280.1	25.9	8.4	May	273.1	62.8	43.5	524.55	42.2	12.43
307.9	277.6	30.3	9.8	June	270.5	63.3	43.9	524.12	42.2	12.42
309.9	281.8	28.1	9.1	July	268.6	63.0	43.6	526.25	42.1	12.50
308.2	281.2	26.3	8.7	August	271.5	64.1	44.7	519.90	42.2	12.32
305.6	279.3	26.3	8.6	September	277.3	64.5	45.3	524.36	42.7	12.28
311.5	287.2	24.3	7.8	October	280.0	63.4	44.2	531.65	42.6	12.48
314.6	291.9	22.7	7.2	November	283.0	63.1	44.5	524.99	42.1	12.47
313.7	289.1	24.5	7.8	December	283.4	63.0	44.5	538.40	42.9	12.55
				1987						
307.9	281.2	26.7	8.7	January	276.6	63.0	44.5	554.63	43.5	12.75
INA	INA	INA	INA	February	276.9	62.7	44.2	546.94	43.1	12.69

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
TOLEDO METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Toledo MSA

	Employment (in thousands)			Change[d] (in thousands)	
	February 1987[c]	January 1987[c]	February 1986[c]	From Last Month	From Last Year
TOTAL	276.9	276.6	265.7	.4	11.3
MANUFACTURING	62.7	63.0	63.8	- .3	- 1.1
Durable Goods[e]	48.8	49.0	50.2	- .1	- 1.4
Stone, clay, and glass products	8.0	8.1	8.6	- .1	- .6
Primary metal industries	3.4	3.4	3.4	.0	.0
Fabricated metal products	7.4	7.4	7.5	- .1	- .1
Metal forgings and stampings	3.2	3.3	3.3	- .1	.0
Machinery, except electrical	6.1	6.1	5.9[j]	.0	.2
Electric and electronic equipment	3.0	3.0	2.0[j]	.0	.9
Transportation equipment	16.6	16.6	18.6	.0	- 2.1
Motor vehicles and equipment	15.6	15.6	17.6	.0	- 2.0
Nondurable Goods[f]	13.9	14.1	13.6	- .2	.3
Food and kindred products	3.4	3.6	3.3	- .2	.2
Rubber and misc. plastics products	3.3	3.2	3.0	.1	.3
NONMANUFACTURING[g]	214.2	213.5	201.8	.7	12.4
CONSTRUCTION	8.7	9.0	7.6	- .3	1.1
TRANSPORTATION AND PUBLIC UTILITIES	14.3	14.2	13.5	.1	.8
Trucking and warehousing	5.6	5.5	5.3	.1	.3
Communication, electric, gas services	5.1	5.1	4.9	.0	.3
WHOLESALE TRADE	14.2	14.2	14.2	- .1	.0
Wholesale trade-durable goods	9.4	9.4	9.6	.0	- .2
RETAIL TRADE	51.8	52.8	50.0	- .9	1.8
General merchandise stores	6.7	7.1	7.0	- .4	- .3
FINANCE, INSURANCE, AND REAL ESTATE	11.4	11.3	10.6	.1	.8
Banking	3.6	3.6	3.5	.0	.2
SERVICES	70.7	70.3	63.7	.4	7.0
Business services	13.3	13.1	12.1	.1	1.2
Health services	28.8	28.8	25.0	.0	3.7
Hospitals	15.2	15.2	14.4	.0	.8
GOVERNMENT	43.1	41.7	42.1	1.4	1.0
State government	16.4	15.2	15.9	1.2	.6
State government education	12.4	11.2	12.0	1.2	.4
State government, except education	4.0	4.0	3.8	.0	.2
Local government	24.1	23.8	23.7	.2	.4
Local government education	14.2	13.9	13.6	.3	.5
Local government, except education	9.9	10.0	10.0	- .1	- .1

Hours & Earnings of Production or Nonsupervisory Workers[a]

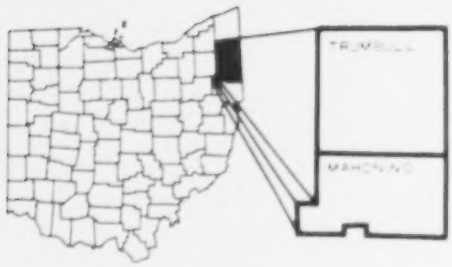
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	February 1987[b]	January 1987[c]	February 1986[c]	Feb. 1987[b]	Jan. 1987[c]	Feb. 1986[c]	Feb. 1987[b]	Jan. 1987[c]	Feb. 1986[c]
MANUFACTURING	$545.94	$554.83	$538.68	43.1	43.5	42.9	$12.69	$12.75	$12.61
Durable Goods[d]	567.66	584.33	555.44	43.3	44.1	43.1	13.11	13.25	12.98
Stone, clay, and glass products	528.78	532.98	572.32	42.0	42.3	44.4	12.59	12.65	12.89
Primary metal industries	525.32	521.21	509.82	46.0	45.6	44.8	11.42	11.43	11.38
Fabricated metal products	554.40	558.30	505.74	44.0	44.7	43.3	12.60	12.49	11.68
Metal forgings and stampings	697.14	680.09	594.58	47.2	47.0	43.4	14.77	14.47	13.72
Machinery, except electrical	487.06	480.45	463.10	42.8	42.5	42.1	11.38	11.54	11.00
Electric and electronic equipment	542.71	548.49	459.28	42.3	43.6	38.4	12.83	12.58	11.96
Transportation equipment	664.45	701.31	645.15	43.8	46.1	42.5	15.17	15.55	15.18
Motor vehicles and equipment	667.07	704.01	648.18	43.8	45.1	42.4	15.23	15.61	15.24
Nondurable Goods[e]	488.15	451.78	452.38	42.1	41.6	42.2	11.12	10.88	10.72
Food and kindred products	608.68	549.05	547.20	45.8	44.1	45.6	13.29	12.45	12.00
Rubber and misc. plastics products	317.19	328.46	331.25	38.5	40.5	40.2	8.03	8.11	8.24
TRANSPORTATION AND PUBLIC UTILITIES[f]	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	575.81	577.62	565.04	41.1	41.2	41.7	14.01	14.02	13.55
WHOLESALE TRADE	345.03	345.58	338.31	37.1	37.4	37.3	9.30	9.24	9.07
RETAIL TRADE[g]	159.00	153.73	151.29	28.7	27.9	28.6	5.54	5.51	5.29

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes hospitals; the agricultural extension service; agricultural research centers; and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	February 1987	January 1987	February 1986
Employment Service Program			
New Applicants	2,323	2,446	2,250
Active File of Job Seekers	22,275	23,403	26,821
Referrals to Jobs	788	701	978
Placements	180	113	213
Job Openings Received	372	258	476
Job Openings Unfilled	717	661	625
Unemployment Insurance Program			
Initial Claims	4,487	6,442	5,873
Continued Claims	32,382	33,460	35,159
First Payments	2,301	2,356	2,863
Last Payments	393	455	330
Weeks Compensated	27,520	28,480	27,478
Benefits Paid	$4,051,310	$4,173,521	$4,092,204
Average Weekly Payment	$150.61	$150.08	$151.78

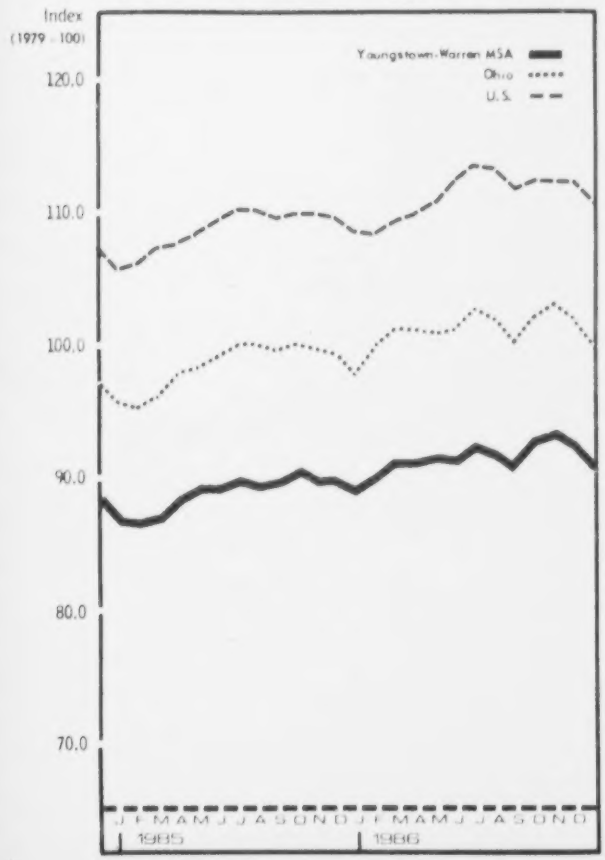
YOUNGSTOWN - WARREN METROPOLITAN STATISTICAL AREA



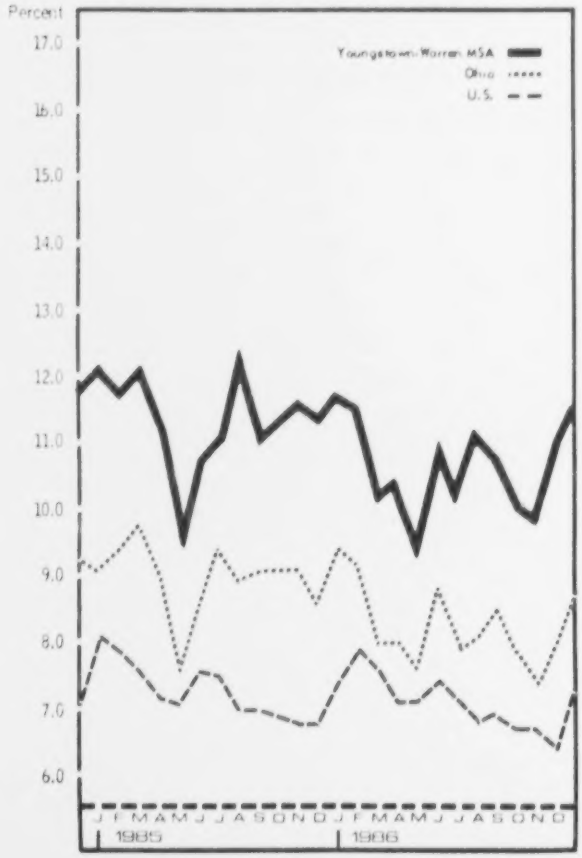
Nonagricultural wage and salary employment in the Youngstown-Warren metropolitan area declined by 600, to 187,300 in February. Nonmanufacturing employment decreased 400 as seasonal reductions in retail trade and construction outweighed returns of nonteaching school personnel. Manufacturing employment dropped slightly, to 50,900, due primarily to losses in fabricated metal products and transportation equipment. Production workers averaged a 42.3 hour workweek, down .5 hours from January. Their average hourly earnings were $13.36, down $.13.

Nonfarm employment increased 4,700 since February 1986, due mainly to growth in services, retail trade, government, and construction. Manufacturing employment decreased 900 during the period. Notable losses occurred in fabricated metal products, nonelectrical machinery, and primary metal industries.

INDEXES OF TOTAL EMPLOYMENT
YOUNGSTOWN-WARREN MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
YOUNGSTOWN-WARREN MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



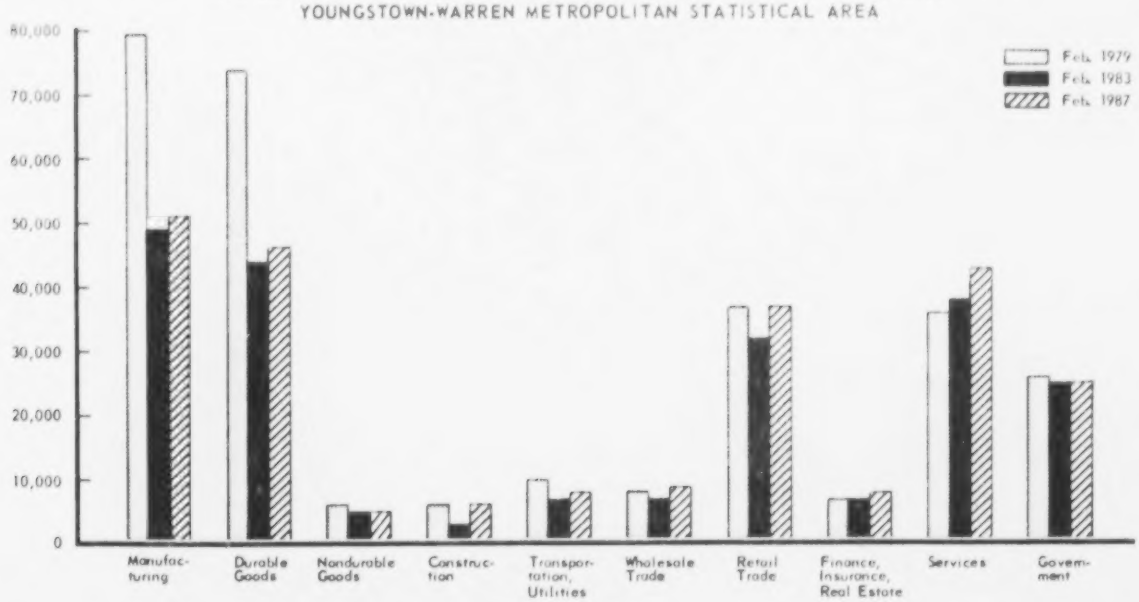
Youngstown-Warren MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed				Manufacturing Employment					
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
234.2	210.5	23.7	10.1	1976	203.5	80.6	63.3	$277.29	39.5	$ 7.02
234.0	215.0	19.0	8.1	1977	208.0	81.1	63.6	313.50	40.4	7.76
235.2	217.5	17.7	7.5	1978	210.3	79.4	62.5	353.56	41.4	8.54
237.1	219.9	17.1	7.2	1979	213.0	78.8	62.6	377.26	40.7	9.27
236.9	210.5	26.4	11.9	1980	203.1	70.8	54.1	409.77	39.9	10.27
234.0	205.7	28.2	12.1	1981	198.7	67.3	50.8	474.10	40.8	11.62
237.0	190.3	46.8	19.7	1982	180.6	52.9	39.1	488.60	40.1	11.72
235.6	188.1	37.5	16.6	1983	177.5	52.8	36.8	521.20	42.1	12.38
222.2	195.9	26.3	11.8	1984	182.6	56.1	41.8	555.97	43.3	12.84
220.1	195.2	24.9	11.3	1985	184.2	52.7	39.6	570.64	43.1	13.24
224.9	201.1	23.8	10.6	1986	189.2	52.0	38.9	565.28	41.6	13.30
				1986						
221.2	196.2	25.0	11.7	January	185.6	52.0	39.3	574.01	42.3	13.57
224.0	198.2	25.8	11.5	February	182.6	51.8	38.5	570.12	42.2	13.51
223.2	200.6	22.6	10.1	March	183.4	51.7	38.5	549.61	41.2	13.34
224.0	200.6	23.4	10.4	April	186.7	51.7	38.5	567.93	41.1	13.21
221.9	201.3	20.6	9.3	May	188.8	52.7	39.3	533.79	40.5	13.18
225.5	200.6	24.9	11.0	June	189.4	52.1	38.9	539.97	41.0	13.17
226.0	203.2	22.8	10.1	July	187.6	51.5	38.4	542.35	41.1	13.21
226.7	201.4	25.2	11.1	August	187.8	51.5	38.5	541.03	41.1	13.10
223.2	199.4	23.8	10.7	September	191.1	52.3	39.4	557.69	41.9	13.31
226.4	203.7	22.7	10.0	October	191.7	52.1	39.5	544.75	41.3	13.19
227.6	205.2	22.4	9.8	November	191.3	52.2	39.5	558.11	41.9	13.32
228.7	203.6	25.1	11.0	December	192.5	52.3	39.5	579.56	42.3	13.51
				1987						
220.2	191.3	28.0	11.5	January	187.8	51.1	38.4	577.37	42.3	13.43
NA	NA	NA	NA	February	187.3	50.8	38.2	598.13	42.3	13.96

NA-Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
YOUNGSTOWN-WARREN METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Youngstown-Warren MSA

	Employment (in thousands)			Change[d] (in thousands)	
	February 1987[b]	January 1987[c]	February 1986[c]	From Last Month	From Last Year
TOTAL	187.3	187.9	182.6	- .6	4.7
MANUFACTURING	50.9	51.1	51.8	- .2	- .9
Durable Goods[e]	45.7	45.8	46.6	- .2	- 1.0
Primary metal industries	19.5	19.2	19.9	.3	- .3
Blast furnace and basic steel products	6.6	6.6	6.4	.0	.2
Fabricated metal products	7.2	7.6	7.8	- .3	- .6
Machinery, except electrical	3.5	3.5	3.8	.0	- .3
Electric and electronic equipment	2.4	2.4	2.4	.0	.0
Transportation equipment	10.0	10.2	9.9	- .2	.1
Nondurable Goods	5.2	5.3	5.2	- .1	.0
NONMANUFACTURING	136.4	136.8	130.8	- .4	5.7
CONSTRUCTION	5.8	6.1	5.1	- .2	.7
TRANSPORTATION AND PUBLIC UTILITIES	7.9	8.0	7.4	.0	.5
Communication, electric, gas services	3.1	3.1	3.0	.0	.1
WHOLESALE TRADE	9.0	8.9	8.6	.1	.4
Wholesale trade-durable goods	5.8	5.8	5.6	.1	.2
RETAIL TRADE	38.7	37.3	35.9	- .6	.8
General merchandise stores	5.4	5.8	6.0	- .4	- .5
FINANCE, INSURANCE, AND REAL ESTATE	8.2	8.2	7.7	.0	.5
Banking	2.7	2.8	2.7	.0	.1
SERVICES	43.0	43.1	41.1	- .1	2.0
Health services	19.3	19.4	18.5	- .1	.8
Hospitals	10.1	10.3	9.8	- .1	.3
GOVERNMENT	25.2	24.8	24.4	.5	.8
State government	4.3	4.0	4.2	.3	.0
State government education	2.8	2.4	2.8	.4	.0
State government, except education	1.5	1.5	1.3	.0	.0
Local government	18.8	18.6	18.1	.2	.7
Local government education	12.3	12.1	11.8	.2	.5
Local government, except education	6.5	6.5	6.3	.0	.2

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	February 1987[b]	January 1987[c]	February 1986[c]	Feb. 1987[b]	Jan. 1987[c]	Feb. 1986[c]	Feb. 1987[b]	Jan. 1987[c]	Feb. 1986[c]
MANUFACTURING	$565.13	$577.37	$570.12	42.3	42.8	42.2	$13.36	$13.49	$13.51
Durable Goods[d]	582.77	594.78	589.90	42.6	43.1	42.6	13.68	13.80	13.88
Primary metal industries	511.89	604.20	561.20	42.7	47.4	40.0	14.39	14.25	14.03
Blast furnace and basic steel products	636.08	631.37	507.53	44.7	44.4	37.1	14.23	14.22	13.68
Fabricated metal products	562.21	587.24	563.07	41.8	42.4	41.1	13.45	13.85	13.70
Machinery, except electrical	475.78	489.04	488.04	41.3	41.0	41.0	11.52	11.44	11.44
Electric and electronic equipment	416.71	414.00	409.62	38.8	38.8	38.5	10.74	10.67	10.37
Transportation equipment	666.18	717.16	791.01	44.8	47.4	49.5	14.87	15.13	15.98
Nondurable Goods[e]	376.94	389.44	360.12	38.9	39.1	38.4	9.69	9.96	9.14
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	523.51	525.63	507.05	38.6	39.7	38.8	13.22	13.24	12.74
WHOLESALE TRADE	339.34	341.05	324.32	38.3	38.8	37.8	8.86	8.79	8.58
RETAIL TRADE[f]	169.36	168.19	163.88	29.0	29.2	28.9	5.84	5.76	5.67

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [f]Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	February 1987	January 1987	February 1986
Employment Service Program			
New Applicants	1,882	1,987	2,553
Active File of Job Seekers	28,315	28,585	34,375
Referrals to Jobs	1,010	1,033	882
Placements	202	249	256
Job Openings Received	339	384	378
Job Openings Unfilled	434	455	405
Unemployment Insurance Program			
Initial Claims	4,458	11,612	4,725
Continued Claims	34,223	41,670	33,623
First Payments	2,413	3,729	2,238
Last Payments	360	406	489
Weeks Compensated	30,484	34,011	30,727
Benefits Paid	$4,505,998	$4,868,509	$4,477,519
Average Weekly Payment	$151.97	$150.05	$148.84

Technical Notes

Civilian Labor Force Estimates

Civilian Labor Force.—Estimated number of persons 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed.—Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Employment distributed by place of residence.

Total Unemployed.—Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection.—Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Labor Market Information Division of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification.—Employer establishments classified by industry on basis of their principal product or service. The Standard Industrial Classification Manual (U.S. Office of Management and Budget, Washington, D.C., 1972, amended 1977) used for classification.

Coverage.—Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 10,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample

Industry Division	Approximate Percentage Covered by Sample
Total	40
Manufacturing	56
Nonmanufacturing	35
Mining	56
Construction	17
Transportation and Public Utilities	43
Wholesale Trade	19
Retail Trade	20
Finance, Insurance, and Real Estate	42
Services and Miscellaneous	26
Government	70

Nonagricultural Employment.—Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method.—Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\text{Total Employment (current month)} = \text{Total Employment (previous month)} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data.—Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law. Data are based on March 1986 benchmark.

Seasonally Adjusted Estimates

To facilitate interpretation of underlying economic trends, Division-level Nonagricultural Wage and Salary Employment series are presented with short-term effects of seasonal patterns removed.

Hours and Earnings

Method of Computing Averages.—Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions.—Definitions of production or similar workers, payroll, and hours—from which average hours and earnings data are derived—follow.

Production Workers.—Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspecting, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers.—Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll.—Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for Social Security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours.—Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

Selected Employment Service Activities

	February 1987	January 1987	February 1986
New Applicants	42,617	48,475	44,265
Active File of Job Seekers	383,875	375,353	451,433
Counseling Interviews	2,004	1,632	2,179
Tests Administered	4,419	3,277	2,745
General Aptitude Tests	405	299	532
Proficiency Tests	611	575	681
Specific Aptitude Tests	1,185	408	1,168
Referrals to Jobs	20,128	18,338	20,342
Placements	4,529	3,772	4,593
Job Openings Received	8,456	8,021	8,777
Job Openings Unfilled	17,442	16,995	17,332

Selected Unemployment Insurance Activities

	February 1987	January 1987	February 1986
Initial Claims	60,049	105,164	63,826
Continued Claims	591,587	665,038	636,655
First Payments	39,802	50,812	38,307
Last Payments	7,244	8,259	7,510
Average Weekly Claimants	145,725	148,886	157,245
Average Weekly Benefit Recipients	128,508	116,003	136,532
Weeks Compensated	514,031	545,308	551,958
Benefits Paid	$76,217,472	$79,962,329	$81,313,896
Average Weekly Payment	$151.53	$151.19	$150.26
Continued Claims for Survey Week	146,359	148,681	157,825
Insured Unemployment Rate	3.5	3.6	3.8
Net Contributions	$69,602,078	$24,010,825	$63,238,322
Active Employer Accounts	194,256	194,291	190,708

This periodical is published monthly by the Ohio Bureau of Employment Services in cooperation with the U.S. Department of Labor. For further information contact Dixie Sommers, Director, Labor Market Information Division at (614) 481-5783.

If you do NOT wish to continue receiving this publication, please check here ☐ and return this cover to the address below. If your address has changed, please indicate change and return this cover to the address below.

A WORKING OHIO
the heart of it all

Ohio Bureau Of Employment Services
Labor Market Information Division
145 South Front Street
P.O. Box 1618
Columbus, Ohio 43216

OFFICIAL BUSINESS

Penalty for private use, $300

First-Class Mail
Postage and Fees Paid
Employment Security Mail
Lab 441

LMI/F
STATISTICAL REFERENCE INDEX
CONGRESSIONAL INFO. SERVICE
4520 EAST-WAY HWY.
BETHESDA MD 20814